

Table 258.—Bachelor's, master's, and doctor's degrees conferred by institutions of higher education, by sex of student and field of study: 1996–97

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
All fields	1,172,879	520,515	652,364	419,401	180,947	238,454	45,876	27,146	18,730
Agriculture and natural resources, total	22,602	13,794	8,808	4,516	2,608	1,908	1,217	884	333
Agricultural business and production, total	5,027	3,510	1,517	598	370	228	181	132	49
Agricultural business and management, total	3,303	2,331	972	450	280	170	137	96	41
Agricultural business and management, general	839	568	271	57	35	22	0	0	0
Agricultural business/agribusiness operations	1,175	816	359	34	18	16	0	0	0
Agricultural economics	1,074	780	294	359	227	132	137	96	41
Agricultural business and management, other	215	167	48	0	0	0	0	0	0
Agricultural mechanization	265	240	25	4	4	0	0	0	0
Agricultural production workers and managers	149	112	37	48	37	11	14	13	1
Horticulture service operations and management	639	425	214	32	18	14	11	8	3
International agriculture	20	10	10	13	7	6	0	0	0
Agricultural business and production, other	651	392	259	51	24	27	19	15	4
Agricultural sciences, total	7,876	4,378	3,498	1,609	970	639	690	495	195
Agriculture/agricultural sciences, general	1,138	775	363	178	110	68	0	0	0
Animal sciences, total	3,735	1,738	1,997	428	261	167	183	142	41
Animal sciences, general	3,183	1,449	1,734	324	197	127	134	104	30
Agricultural animal breeding and genetics	41	23	18	11	9	2	13	11	2
Agricultural animal health	7	1	6	7	5	2	0	0	0
Agricultural animal nutrition	0	0	0	8	6	2	6	6	0
Dairy science	78	42	36	23	9	14	6	5	1
Poultry science	145	114	31	25	17	8	10	8	2
Animal sciences, other	281	109	172	30	18	12	14	8	6
Food sciences and technology	562	228	334	312	134	178	171	89	82
Plant sciences, total	2,023	1,401	622	540	380	160	262	209	53
Plant sciences, general	396	263	133	68	41	27	31	19	12
Agronomy and crop science	673	543	130	215	167	48	127	107	20
Horticulture science	641	371	270	117	71	46	49	35	14
Plant breeding and genetics	0	0	0	16	11	5	17	16	1
Agricultural plant pathology	5	3	2	9	6	3	7	4	3
Plant protection (pest management)	30	20	10	18	9	9	1	1	0
Range science and management	144	102	42	58	45	13	19	18	1
Plant sciences, other	134	99	35	39	30	9	11	9	2
Soil sciences	177	105	72	91	57	34	62	48	14
Agriculture/agricultural sciences, other	241	131	110	60	28	32	12	7	5
Conservation and renewable natural resources, total	9,699	5,906	3,793	2,309	1,268	1,041	346	257	89
Natural resources conservation, general	5,511	3,006	2,505	1,265	638	627	117	79	38
Natural resources management and policy	543	335	208	222	119	103	7	5	2
Fishing and fisheries sciences and management	215	156	59	93	58	35	26	22	4
Forest harvesting and production technology/technician	305	242	63	19	16	3	25	21	4
Forestry, general	1,475	1,124	351	471	297	174	132	103	29
Wildlife and wildlands management	1,195	763	432	165	98	67	23	15	8
Conservation and renewable natural resources, other	455	280	175	74	42	32	16	12	4
Architecture and related programs, total	7,944	5,090	2,854	4,034	2,336	1,698	135	93	42
Architecture	4,593	3,163	1,430	2,034	1,299	735	51	33	18
City/urban, community, and regional planning	482	345	137	1,332	737	595	63	46	17
Architectural environmental design	660	432	228	63	22	41	4	2	2
Interior architecture	710	112	598	20	3	17	0	0	0
Landscape architecture	891	630	261	361	144	217	2	1	1
Architectural urban design and planning	0	0	0	69	47	22	7	5	2
Architecture and related programs, other	608	408	200	155	84	71	8	6	2
Area, ethnic, and cultural studies, total	5,839	1,995	3,844	1,651	739	912	182	95	87
Area studies, total	3,785	1,425	2,360	1,169	575	594	131	67	64
African studies	31	7	24	13	6	7	2	1	1
American studies/civilization	1,507	552	955	241	92	149	75	33	42
Latin American studies	463	143	320	225	108	117	13	8	5
Middle Eastern studies	85	44	41	86	43	43	18	12	6
Russian and Slavic studies	181	66	115	100	54	46	0	0	0
Asian studies	849	390	459	298	162	136	18	11	7
European studies	157	45	112	75	35	40	5	2	3
Area studies, other	512	178	334	131	75	56	0	0	0
Ethnic and cultural studies, total	1,623	385	1,238	189	43	146	29	11	18
Afro-American (black) studies	558	206	352	66	21	45	9	3	6
Hispanic-American studies	185	68	117	19	7	12	0	0	0
Women's studies	602	8	594	71	1	70	5	0	5
Ethnic studies, other	278	103	175	33	14	19	15	8	7
Area, ethnic and cultural studies, other	431	185	246	293	121	172	22	17	5
Biological sciences/life sciences, total	63,975	29,470	34,505	6,466	3,035	3,431	4,812	2,738	2,074
Biology, general	46,632	20,924	25,708	2,742	1,326	1,416	693	408	285

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	Total	Men	Women	Total	Men	Women	Total	Men	Women
1	2	3	4	5	6	7	8	9	10
Biochemistry and biophysics	3,708	1,997	1,711	347	167	180	743	442	301
Botany, total	394	167	227	218	114	104	240	151	89
Botany, general	364	151	213	155	77	78	128	78	50
Plant pathology	8	7	1	54	31	23	84	58	26
Botany, other	22	9	13	9	6	3	28	15	13
Cell and molecular biology, total	2,342	1,200	1,142	216	92	124	592	318	274
Cell biology	233	105	128	48	19	29	192	105	87
Molecular biology	689	359	330	98	44	54	258	132	126
Cell and molecular biology, other	1,420	736	684	70	29	41	142	81	61
Microbiology/bacteriology	2,417	1,169	1,248	326	133	193	455	256	199
Miscellaneous biological specializations, total	3,354	1,494	1,860	1,563	614	949	1,146	621	525
Anatomy	57	42	15	54	34	20	58	33	25
Ecology	937	471	466	248	134	114	100	65	35
Marine/aquatic biology	770	339	431	136	66	70	31	20	11
Neurosciences	294	130	164	61	30	31	219	124	95
Nutritional sciences	456	89	367	429	65	364	94	30	64
Toxicology	58	31	27	69	34	35	100	60	40
Genetics, plant and animal	264	134	130	139	55	84	249	144	105
Biometrics	21	11	10	38	15	23	18	10	8
Miscellaneous specialized areas, other	497	247	250	389	181	208	277	135	142
Zoology, total	3,526	1,751	1,775	875	495	380	807	464	343
Zoology, general	2,800	1,368	1,432	227	120	107	148	91	57
Entomology	85	47	38	151	99	52	128	85	43
Pathology, human and animal	8	4	4	63	26	37	89	45	44
Pharmacology, human and animal	80	45	35	94	42	52	247	123	124
Physiology, human and animal	553	287	266	340	208	132	195	120	75
Zoology, other	0	0	0	0	0	0	0	0	0
Biological sciences/life sciences, other	1,602	768	834	179	94	85	136	78	58
Business management, administrative services and marketing operations/marketing and distribution, total	226,633	116,519	110,114	97,619	59,611	38,008	1,336	947	389
Business management and administrative services, total	222,084	114,627	107,457	96,946	59,240	37,706	1,334	946	388
Business, general	21,740	11,271	10,469	10,315	6,669	3,646	200	160	40
Business administration and management, total	84,965	43,630	41,335	57,635	36,044	21,591	717	502	215
Office supervision and management	714	124	590	1	0	1	0	0	0
Operations management and supervision	1,898	1,326	572	1,126	633	493	10	9	1
Business administration and management, other	82,353	42,180	40,173	56,508	35,411	21,097	707	493	214
Accounting	40,377	17,576	22,801	4,424	2,064	2,360	56	36	20
Secretarial and related programs	255	41	214	0	0	0	0	0	0
Business/managerial economics	2,696	1,663	1,033	205	123	82	45	36	9
Small business management and ownership	480	317	163	151	98	53	0	0	0
Finance, general and banking and financial support services	20,240	13,575	6,665	5,591	3,898	1,693	50	43	7
Actuarial sciences	249	146	103	64	39	25	0	0	0
Insurance and risk management	480	295	185	86	55	31	3	1	2
Investments and securities and financial planning	359	206	153	378	255	123	0	0	0
Hospitality services management	5,490	2,533	2,957	426	218	208	10	6	4
Human resources management	5,458	2,066	3,392	2,306	854	1,452	26	11	15
Labor/personnel relations and studies	863	432	431	622	237	385	23	15	8
Organizational behavior studies	1,379	581	798	408	187	221	39	19	20
International business	3,007	1,523	1,484	3,017	1,803	1,214	17	16	1
Business information systems, total	7,048	4,448	2,600	2,673	1,792	881	16	10	6
Management information systems and data processing, gen- eral	6,296	3,914	2,382	2,070	1,392	678	16	10	6
Business information systems, other	752	534	218	603	400	203	0	0	0
Quantitative methods and management science, total	1,710	994	716	1,116	779	337	33	19	14
Business statistics	21	8	13	24	12	12	4	3	1
Management science, other	1,689	986	703	1,092	767	325	29	16	13
Marketing management and research	20,544	10,855	9,689	1,828	881	947	46	31	15
Real estate	359	242	117	180	136	44	3	3	0
Taxation	0	0	0	1,715	955	760	0	0	0
Consumer and personal services	209	127	82	23	5	18	0	0	0
Business management and administrative services, other	4,176	2,106	2,070	3,783	2,148	1,635	50	38	12
Marketing operations/marketing and distribution, total	4,549	1,892	2,657	673	371	302	2	1	1
Apparel and accessories marketing operations	1,029	58	971	0	0	4	0	0	0
Business and personal services marketing operations	262	138	124	0	0	0	0	0	0
General/retailing and wholesaling operations and skills	2,446	1,216	1,230	510	265	245	2	1	1
Transportation and travel marketing	175	42	133	26	7	19	0	0	0
Marketing and distribution, other	637	438	199	133	99	34	0	0	0
Communications and communications technologies, total	47,768	19,688	28,080	5,601	2,004	3,597	300	155	145
Communications, total	47,230	19,412	27,818	5,227	1,800	3,427	296	152	144
Communications, general	23,329	9,300	14,029	1,931	635	1,296	198	102	96
Advertising	2,654	1,071	1,583	266	93	173	2	0	2
Journalism	8,663	3,193	5,470	1,435	463	972	20	9	11
Broadcast journalism	523	228	295	2	1	1	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	2,203	674	1,529	272	52	220	0	0	0
Radio and television broadcasting	5,060	2,845	2,215	324	151	173	19	8	11
Communications, other	4,798	2,101	2,697	997	405	592	57	33	24
Communications technologies, total	538	276	262	374	204	170	4	3	1
Photographic technology	8	1	7	0	0	0	0	0	0
Radio and television technology	432	227	205	242	125	117	4	3	1
Communications technologies, other	98	48	50	132	79	53	0	0	0
Computer and information sciences, total	24,768	18,037	6,731	10,098	7,248	2,850	857	721	136
Computer and information sciences, general	15,638	11,741	3,897	6,933	5,110	1,823	658	557	101
Computer programming	244	164	80	18	11	7	0	0	0
Data processing technology/technician	127	77	50	0	0	0	0	0	0
Information science and systems	4,390	2,759	1,631	1,563	1,013	550	30	24	6
Computer systems analysis	225	151	74	40	31	9	3	2	1
Computer and information sciences, other	4,144	3,145	999	1,544	1,083	461	166	138	28
Education, total	105,233	26,271	78,962	110,087	25,806	84,281	6,751	2,512	4,239
Education, general	1,603	288	1,315	11,899	2,902	8,997	1,036	368	668
Bilingual/bicultural education	100	11	89	377	67	310	12	4	8
Curriculum and instruction	24	15	9	9,994	1,934	8,060	715	203	512
Education administration and supervision, total	182	35	147	11,952	4,552	7,400	2,373	1,018	1,355
Education administration and supervision, general	2	0	2	8,450	3,194	5,256	1,724	750	974
Administration of special education	0	0	0	8	3	5	2	0	2
Adult and continuing education administration	10	4	6	165	52	113	70	35	35
Educational supervision	0	0	0	764	198	566	16	8	8
Elementary, middle, and secondary education administration	169	31	138	1,620	729	891	64	19	45
Higher education administration	0	0	0	464	176	288	330	148	182
Community and junior college education administration	0	0	0	14	8	6	4	1	3
Education administration and supervision, other	1	0	1	467	192	275	163	57	106
Educational/instructional media design	21	10	11	1,417	425	992	44	16	28
Educational evaluation and research, general	43	10	33	57	22	35	13	5	8
Educational statistics and research methods	3	0	3	20	11	9	20	8	12
Educational assessment, testing and measurement	0	0	0	53	12	41	29	7	22
Social and philosophical foundations of education	52	10	42	243	54	189	102	30	72
Special education, total	10,015	1,096	8,919	12,143	1,823	10,320	232	45	187
Special education, general	7,043	826	6,217	9,779	1,504	8,275	210	41	169
Education of the deaf and hearing impaired	255	8	247	189	19	170	0	0	0
Education of the gifted and talented	2	0	2	190	19	171	0	0	0
Education of the emotionally handicapped	345	55	290	229	45	184	4	0	4
Education of the mentally handicapped	473	47	426	84	12	72	3	0	3
Education of the multiple handicapped	113	1	112	263	25	238	1	0	1
Education of the physically handicapped	67	14	53	78	9	69	1	1	0
Education of the blind and visually handicapped	27	4	23	27	4	23	0	0	0
Education of the specific learning disabled	638	55	583	592	60	532	8	1	7
Education of the speech impaired	715	37	678	241	12	229	0	0	0
Special education, other	337	49	288	471	114	357	5	2	3
Counselor education/counseling and guidance services	58	14	44	12,983	2,822	10,161	333	122	211
General teacher education, total	58,332	8,143	50,189	26,431	4,968	21,463	407	139	268
Adult and continuing education	36	17	19	911	229	682	163	63	100
Elementary education	45,658	5,676	39,982	13,869	1,768	12,101	70	13	57
Junior high/intermediate/middle school education	1,463	327	1,136	718	162	556	0	0	0
Pre-elementary/early childhood/kindergarten education	6,427	226	6,201	2,078	65	2,013	25	2	23
Secondary education	4,030	1,765	2,265	4,997	1,822	3,175	66	28	38
Teacher education, general programs, other	718	132	586	3,858	922	2,936	83	33	50
Teacher education, academic and vocational programs	33,442	16,043	17,399	16,181	4,900	11,281	782	341	441
Agricultural education (vocational)	496	312	184	240	142	98	50	27	23
Art education	1,491	324	1,167	652	98	554	24	8	16
Business education (vocational)	945	290	655	384	111	273	14	6	8
Driver and safety education	37	6	31	13	12	1	0	0	0
English education	2,428	588	1,840	805	166	639	15	5	10
Foreign languages education	301	56	245	311	68	243	21	8	13
Health education	2,136	572	1,564	792	184	608	58	19	39
Home economics education (vocational)	262	6	256	75	3	72	9	3	6
Technology/industrial arts education	1,150	938	212	357	232	125	12	8	4
Marketing operations/marketing and distribution education	59	29	30	6	1	5	0	0	0
Mathematics education	1,523	597	926	836	282	554	47	21	26
Music education	2,812	1,184	1,628	749	317	432	79	36	43
Physical education and coaching	12,383	7,272	5,111	2,923	1,621	1,302	186	97	89
Reading education	155	14	141	3,927	211	3,716	66	13	53
Science education	1,124	493	631	668	258	410	45	24	21
Social science education	887	487	400	159	76	83	8	5	3
Social studies education	1,875	1,132	743	557	305	252	1	0	1
Technical education (vocational)	172	110	62	254	98	156	34	13	21
Trade and industrial education (vocational)	997	696	301	433	198	235	51	26	25
Teacher education, academic and vocational programs, other	2,209	937	1,272	2,040	517	1,523	62	22	40

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Teaching English as a second language/foreign language	68	11	57	1,663	310	1,353	11	3	8
Education, other	1,290	585	705	4,674	1,004	3,670	642	203	439
Engineering and engineering-related technologies, total	75,157	62,648	12,509	26,827	21,928	4,899	6,210	5,446	764
Engineering, total	61,185	50,058	11,127	25,787	21,120	4,667	6,201	5,438	763
Engineering, general	2,160	1,794	366	1,237	1,022	215	224	202	22
Aerospace, aeronautical, and astronautical engineering	1,290	1,088	202	625	550	75	254	238	16
Agricultural engineering	648	493	155	168	125	43	84	69	15
Architectural engineering	488	383	105	27	21	6	1	1	0
Bioengineering and biomedical engineering	964	632	332	485	331	154	178	141	37
Ceramic sciences and engineering	184	160	24	61	44	17	49	37	12
Chemical engineering	6,564	4,385	2,179	1,131	841	290	650	536	114
Civil engineering	10,437	8,292	2,145	3,833	3,032	801	640	558	82
Computer engineering	2,823	2,449	374	935	695	240	124	108	16
Electrical, electronics, and communications engineering	13,336	11,747	1,589	6,393	5,489	904	1,512	1,372	140
Engineering mechanics	88	75	13	138	127	11	72	67	5
Engineering physics	285	240	45	56	45	11	45	41	4
Engineering science	259	194	65	299	234	65	53	46	7
Environmental/environmental health engineering	831	582	249	1,014	725	289	71	58	13
Geological engineering	172	121	51	60	48	12	10	10	0
Geophysical engineering	16	10	6	5	5	0	1	1	0
Industrial/manufacturing engineering	3,632	2,676	956	2,000	1,570	430	265	223	42
Material engineering	479	357	122	463	347	116	382	312	70
Mechanical engineering	13,493	11,905	1,588	3,608	3,202	406	913	829	84
Metallurgical engineering	245	192	53	107	90	17	72	66	6
Mining and mineral engineering	142	122	20	50	45	5	33	32	1
Naval architecture and marine engineering	292	272	20	18	18	0	3	3	0
Nuclear engineering	162	135	27	185	154	31	113	101	12
Ocean engineering	141	117	24	97	84	13	35	29	6
Petroleum engineering	241	213	28	128	109	19	49	46	3
Systems engineering	406	317	89	514	419	95	36	27	9
Textile sciences and engineering	57	39	18	34	23	11	4	3	1
Engineering, other	1,350	1,068	282	2,116	1,725	391	328	282	46
Engineering-related technologies, total	13,972	12,590	1,382	1,040	808	232	9	8	1
Architectural engineering technologies	441	398	43	0	0	0	0	0	0
Civil technologies	462	413	49	1	0	1	0	0	0
Electrical and electronic technologies	3,849	3,554	295	22	21	1	0	0	0
Electromechanical instrumentation and maintenance technologies	331	307	24	1	1	0	0	0	0
Environmental control technologies	252	198	54	160	119	41	0	0	0
Industrial production technologies	3,394	2,953	441	278	221	57	6	5	1
Quality control and safety technologies	483	393	90	311	237	74	0	0	0
Mechanical and related technologies	1,618	1,514	104	0	0	0	0	0	0
Mining and petroleum technologies	12	12	0	0	0	0	0	0	0
Surveying	128	116	12	31	25	6	3	3	0
Mechanics and repairers	48	45	3	0	0	0	0	0	0
Construction trades	108	93	15	0	0	0	0	0	0
Engineering and related technologies, other	2,846	2,594	252	236	184	52	0	0	0
English language and literature/letters, total	49,345	16,531	32,814	7,722	2,733	4,989	1,575	670	905
English language and literature, general	37,556	12,185	25,371	5,160	1,835	3,325	1,175	509	666
Comparative literature	704	206	498	235	83	152	144	60	84
English composition	293	116	177	19	4	15	4	3	1
English creative writing	1,044	433	611	1,096	438	658	9	5	4
American literature (United States)	25	6	19	8	2	6	15	6	9
English literature (British and Commonwealth)	1,161	366	795	224	62	162	33	10	23
Speech and rhetorical studies	7,164	2,738	4,426	702	239	463	135	58	77
English technical and business writing	199	67	132	166	44	122	0	0	0
English language and literature/letters, other	1,199	414	785	112	26	86	60	19	41
Foreign languages and literatures, total	13,674	4,138	9,536	3,077	1,004	2,073	915	385	530
Foreign languages and literatures, total	1,467	426	1,041	974	326	648	265	124	141
Foreign languages and literatures, general	890	242	648	333	103	230	61	33	28
Linguistics	577	184	393	641	223	418	204	91	113
East and Southeast Asian languages and literatures, total	544	302	242	116	57	59	29	13	16
Chinese	152	80	72	31	17	14	15	7	8
Japanese	321	177	144	39	14	25	5	2	3
East and Southeast Asian languages, other	71	45	26	46	26	20	9	4	5
East European languages and literatures, total	500	213	287	142	52	90	44	14	30
Russian languages	455	194	261	46	18	28	9	5	4
Slavic languages (other than Russian)	31	14	17	88	29	59	34	9	25
East European languages, other	14	5	9	8	5	3	1	0	1
Germanic languages and literatures, total	1,244	491	753	305	117	188	84	36	48
German	1,214	481	733	281	111	170	80	34	46

Table 258.—Bachelor's, master's, and doctor's degrees conferred by institutions of higher education, by sex of student and field of study: 1996–97—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
Scandinavian languages	19	4	15	6	2	4	0	0	0
Germanic languages, other	11	6	5	18	4	14	4	2	2
South Asian languages and literatures	7	5	2	6	1	5	2	1	1
Romance languages and literatures, total	8,994	2,282	6,712	1,231	306	925	386	138	248
French	2,468	474	1,994	414	81	333	119	32	87
Italian	234	62	172	49	15	34	18	5	13
Portuguese	34	18	16	7	5	2	3	1	2
Spanish	6,161	1,704	4,457	677	181	496	175	73	102
Romance languages, other	97	24	73	84	24	60	71	27	44
Middle Eastern languages and literatures, total	77	18	59	61	32	29	16	12	4
Arabic	9	2	7	3	2	1	0	0	0
Hebrew	39	4	35	33	16	17	5	3	2
Middle East languages, other	29	12	17	25	14	11	11	9	2
Classical and ancient Near East languages and literatures, total	714	353	361	162	87	75	51	29	22
Classics	613	300	313	136	75	61	49	28	21
Greek (ancient and medieval)	24	14	10	5	3	2	2	1	1
Latin (ancient and medieval)	77	39	38	21	9	12	0	0	0
Foreign languages, other	127	48	79	80	26	54	38	18	20
Health professions and related sciences, total	85,631	15,877	69,754	35,958	7,702	28,256	2,672	1,176	1,496
Communication disorders sciences and services	6,728	418	6,310	5,417	335	5,082	96	15	81
Community health liaison	770	168	602	199	53	146	0	0	0
Dentistry	0	0	0	407	259	148	32	24	8
Dental services	924	25	899	36	15	21	0	0	0
Epidemiology	0	0	0	412	147	265	100	33	67
Health services administration, total	4,512	1,122	3,390	3,783	1,390	2,393	58	23	35
Health services administration	2,500	640	1,860	2,174	840	1,334	34	12	22
Medical records administration	750	97	653	0	0	0	0	0	0
Medical records technology/technician	1	0	1	4	3	1	4	2	2
Health and medical administrative services, other	1,261	385	876	1,605	547	1,058	20	9	11
Health and medical assistants, total	1,644	734	910	558	231	327	0	0	0
Medical assistant	0	0	0	0	0	0	0	0	0
Physician assistant	1,412	649	763	516	210	306	0	0	0
Health and medical assistants, other	232	85	147	42	21	21	0	0	0
Health and medical diagnostic and treatment services, total	1,792	721	1,071	36	23	13	2	0	2
Respiratory therapy technology/technician	484	186	298	0	0	0	0	0	0
Health and medical diagnostic and treatment services, other	1,308	535	773	36	23	13	2	0	2
Medical laboratory technologies, total	2,902	875	2,027	507	211	296	89	42	47
Medical technology	2,440	720	1,720	69	23	46	0	0	0
Health and medical laboratory technologies/technicians, other	462	155	307	438	188	250	89	42	47
Pre-dentistry studies	127	75	52	0	0	0	0	0	0
Pre-medicine studies	654	338	316	0	0	0	0	0	0
Pre-pharmacy studies	2	2	0	0	0	0	0	0	0
Pre-veterinary studies	278	99	179	0	0	0	0	0	0
Medical basic sciences	449	178	271	541	295	246	474	260	214
Mental health services, total	537	94	443	423	90	333	1	0	1
Alcohol/drug abuse counseling	83	21	62	64	22	42	0	0	0
Psychiatric/mental health services technician	111	17	94	31	13	18	0	0	0
Clinical and medical social work	114	22	92	68	20	48	0	0	0
Mental health services, other	229	34	195	260	35	225	1	0	1
Nursing	44,735	5,023	39,712	11,636	883	10,753	488	23	465
Optometry	165	67	98	8	2	6	2	0	2
Pharmacy	5,826	2,263	3,563	288	128	160	307	175	132
Rehabilitation/therapeutic services, total	8,434	1,941	6,493	6,461	1,683	4,778	92	38	54
Art therapy	85	5	80	179	14	165	0	0	0
Dance therapy	1	0	1	21	1	20	0	0	0
Music therapy	214	26	188	57	9	48	0	0	0
Occupational therapy	3,476	533	2,943	1,251	163	1,088	9	0	9
Orthotics/prosthetics	26	14	12	0	0	0	0	0	0
Physical therapy	3,089	999	2,090	3,940	1,231	2,709	59	27	32
Recreational therapy	201	53	148	11	0	11	0	0	0
Vocational rehabilitation counseling	275	46	229	628	165	463	8	3	5
Rehabilitative services, other	1,067	265	802	374	100	274	16	8	8
Veterinary medicine	0	0	0	175	83	92	126	78	48
Miscellaneous health professions	454	222	232	682	335	347	466	297	169
Health professions and related sciences, other	4,698	1,512	3,186	4,389	1,539	2,850	339	168	171
Home economics and vocational home economics, total	16,571	1,914	14,657	2,888	440	2,448	382	95	287
Home economics, total	16,113	1,735	14,378	2,866	439	2,427	382	95	287
Home economics, general	2,493	180	2,313	324	19	305	63	13	50
Home economics business services	123	10	113	2	0	2	0	0	0
Family and community studies	366	38	328	69	24	45	2	1	1
Family and consumer resource management	1,149	298	851	110	18	92	21	7	14
Food and nutrition studies	4,104	523	3,581	699	71	628	42	14	28
Housing studies	456	91	365	24	9	15	3	0	3
Individual and family development studies	6,072	515	5,557	1,535	288	1,247	230	57	173

Table 258.—Bachelor's, master's, and doctor's degrees conferred by institutions of higher education, by sex of student and field of study: 1996–97—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
Clothing/apparel and textile studies	1,237	67	1,170	83	8	75	12	3	9
Home economics, other	113	13	100	20	2	18	9	0	9
Vocational home economics, total	458	179	279	22	1	21	0	0	0
Child care and guidance management	141	10	131	18	1	17	0	0	0
Vocational home economics, other	317	169	148	4	0	4	0	0	0
Law and legal studies, total	2,038	603	1,435	2,886	1,817	1,069	81	59	22
Pre-law studies	173	92	81	0	0	0	0	0	0
Paralegal/legal assistant	1,127	186	941	41	8	33	0	0	0
Law and legal studies, other	738	325	413	2,845	1,809	1,036	81	59	22
Liberal arts and sciences, general studies, and humanities, total	34,776	13,483	21,293	2,661	892	1,769	77	34	43
Liberal arts and sciences/liberal studies	21,810	7,737	14,073	1,733	583	1,150	20	10	10
Humanities/humanistic studies	2,769	948	1,821	539	199	340	48	18	30
Liberal arts and sciences, general studies, other	10,197	4,798	5,399	389	110	279	9	6	3
Library science, total	48	6	42	4,982	1,115	3,867	46	16	30
Library science/librarianship	45	6	39	4,898	1,099	3,799	43	15	28
Library science, other	3	0	3	84	16	68	3	1	2
Mathematics, total	12,820	6,908	5,912	3,783	2,241	1,542	1,174	891	283
Mathematics	11,109	5,847	5,262	2,322	1,395	927	810	628	182
Applied mathematics, total	1,053	657	396	591	382	209	154	115	39
Applied mathematics, general and other	634	398	236	312	196	116	114	85	29
Operations research (quantitative methods)	419	259	160	279	186	93	40	30	10
Mathematical statistics	365	201	164	797	417	380	190	133	57
Mathematics, other	293	203	90	73	47	26	20	15	5
Multi/interdisciplinary studies, total	26,137	8,901	17,236	2,819	1,214	1,605	451	232	219
Biological and physical sciences	2,816	1,416	1,400	301	150	151	30	21	9
Systems science and theory	97	63	34	166	71	95	8	5	3
Museology/museum studies	5	0	5	107	19	88	0	0	0
Multi/interdisciplinary studies, other	23,219	7,422	15,797	2,245	974	1,271	413	206	207
Parks, recreation, leisure, and fitness studies, total	15,401	7,858	7,543	1,966	965	1,001	108	60	48
Parks, recreation and leisure studies	2,282	1,080	1,202	261	102	159	13	6	7
Parks, recreation and leisure facilities management	2,927	1,346	1,581	232	103	129	10	7	3
Health and physical education/fitness	9,986	5,309	4,677	1,441	744	697	81	44	37
Parks, recreation, leisure and fitness studies, other	206	123	83	32	16	16	4	3	1
Philosophy and religion, total	7,685	4,882	2,803	1,252	745	507	593	418	175
Philosophy	4,507	3,116	1,391	587	419	168	357	269	88
Religion/religious studies	2,854	1,574	1,280	527	289	238	228	144	84
Philosophy and religion, other	324	192	132	138	37	101	8	5	3
Physical sciences and science technologies, total	19,531	12,228	7,303	5,563	3,752	1,811	4,474	3,444	1,030
Physical sciences, total	19,417	12,164	7,253	5,546	3,739	1,807	4,467	3,438	1,029
Physical sciences, general	367	223	144	65	52	13	2	2	0
Astronomy	92	64	28	78	52	26	86	67	19
Astrophysics	48	30	18	15	9	6	13	12	1
Atmospheric science and meteorology	431	348	83	177	135	42	91	73	18
Chemistry, total	10,644	5,925	4,719	2,240	1,325	915	2,259	1,598	661
Chemistry, general	10,263	5,705	4,558	2,104	1,238	866	2,064	1,465	599
Analytical chemistry	0	0	0	17	11	6	17	11	6
Inorganic chemistry	0	0	0	1	1	0	5	4	1
Organic chemistry	13	9	4	15	12	3	9	9	0
Medicinal/pharmaceutical chemistry	35	15	20	37	20	17	57	33	24
Chemistry, other	333	196	137	66	43	23	107	76	31
Geological and related sciences, total	3,219	2,044	1,175	996	660	336	388	295	93
Geology	2,952	1,873	1,079	849	555	294	298	228	70
Geochemistry	12	5	7	8	6	2	8	6	2
Geophysics and seismology	47	30	17	78	61	17	52	43	9
Geological and related sciences, other	208	136	72	61	38	23	30	18	12
Miscellaneous physical sciences, total	894	580	314	348	196	152	193	154	39
Metallurgy	0	0	0	3	2	1	0	0	0
Oceanography	205	131	74	113	61	52	102	79	23
Earth and planetary sciences	599	393	206	149	92	57	74	61	13
Miscellaneous physical sciences, other	90	56	34	83	41	42	17	14	3
Physics, total	3,376	2,726	650	1,496	1,242	254	1,410	1,223	187
Physics, general	3,248	2,623	625	1,414	1,169	245	1,302	1,130	172
Physics, other	128	103	25	82	73	9	108	93	15
Physical sciences, other	346	224	122	131	68	63	25	14	11

Table 258.—Bachelor's, master's, and doctor's degrees conferred by institutions of higher education, by sex of student and field of study: 1996–97—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
Science technologies, total	114	64	50	17	13	4	7	6	1
Precision production trades, total	326	257	69	3	3	0	0	0	0
Drafting, general	132	121	11	0	0	0	0	0	0
Precision production trades, other	194	136	58	3	3	0	0	0	0
Protective services, total	25,165	15,150	10,015	1,845	1,098	747	31	15	16
Criminal justice and corrections, total	24,802	14,805	9,997	1,807	1,062	745	31	15	16
Corrections/correctional administration	642	319	323	61	41	20	0	0	0
Criminal justice/law enforcement administration	8,345	5,002	3,343	744	448	296	8	2	6
Criminal justice studies	12,957	7,615	5,342	885	517	368	23	13	10
Forensic studies	40	16	24	60	30	30	0	0	0
Law enforcement/police science	1,656	1,192	464	48	25	23	0	0	0
Criminal justice, other	1,162	661	501	9	1	8	0	0	0
Fire control and safety	352	337	15	28	26	2	0	0	0
Protective services, other	11	8	3	10	10	0	0	0	0
Psychology, total	74,191	19,379	54,812	14,353	3,852	10,501	4,053	1,350	2,703
Psychology, general	69,684	18,237	51,447	4,834	1,455	3,379	1,530	546	984
Clinical psychology	67	20	47	1,455	345	1,110	1,614	492	1,122
Counseling psychology	320	78	242	4,597	1,051	3,546	325	114	211
Developmental and child psychology	657	65	592	111	16	95	55	10	45
Experimental psychology	281	54	227	65	27	38	88	42	46
Industrial and organizational psychology	129	36	93	968	382	586	81	32	49
Physiological psychology/psychobiology	248	103	145	6	1	5	24	8	16
Social psychology	560	148	412	117	31	86	36	11	25
School psychology	0	0	0	804	154	650	117	32	85
Psychology, other	2,245	638	1,607	1,396	390	1,006	183	63	120
Public administration and services, total	20,649	4,177	16,472	24,781	6,957	17,824	518	243	275
Public administration	2,404	1,233	1,171	7,560	3,625	3,935	126	87	39
Community organization, resources and services	1,772	417	1,355	310	91	219	5	0	5
Public policy analysis	408	186	222	976	479	497	103	57	46
Social work	15,398	2,151	13,247	15,454	2,576	12,878	274	94	180
Public affairs, other	667	190	477	481	186	295	10	5	5
R.O.T.C. and military technologies, total	4	4	0	136	132	4	0	0	0
Social sciences and history, total	124,891	64,115	60,776	14,787	7,830	6,957	3,989	2,479	1,510
Social sciences, general	7,669	3,122	4,547	551	231	320	57	25	32
Anthropology	6,606	2,378	4,228	1,075	384	691	439	194	245
Archeology	136	63	73	36	15	21	11	4	7
Criminology	2,757	1,617	1,140	98	57	41	16	7	9
Demography and population studies	6	2	4	16	4	12	10	4	6
Economics	16,539	11,423	5,116	2,433	1,616	817	968	748	220
Geography, total	4,128	2,729	1,399	757	461	296	154	103	51
Geography	4,082	2,693	1,389	756	460	296	154	103	51
Cartography	46	36	10	1	1	0	0	0	0
History	25,214	15,537	9,677	2,901	1,739	1,162	873	551	322
International relations and affairs	5,161	2,171	2,990	2,392	1,245	1,147	47	34	13
Political science and government, general	28,969	16,078	12,891	1,909	1,129	780	686	490	196
Sociology	24,672	7,821	16,851	1,731	605	1,126	591	265	326
Urban affairs/studies	655	289	366	331	144	187	53	25	28
Social sciences and history, other	2,379	885	1,494	557	200	357	84	29	55
Theological studies/religious vocations, total	5,591	4,119	1,472	4,975	3,025	1,950	1,395	1,143	252
Biblical and other theological languages and literatures	49	36	13	43	17	26	5	5	0
Bible/biblical studies	1,681	1,226	455	318	252	66	37	32	5
Missions/missionary studies and misology	213	116	97	168	85	83	31	27	4
Religious education	819	457	362	813	464	349	45	32	13
Religious/sacred music	150	82	68	111	75	36	5	4	1
Theology/theological studies	2,122	1,833	289	2,607	1,694	913	920	779	141
Pastoral counseling and specialized ministries	243	174	69	569	252	317	168	122	46
Theological studies and religious vocations, other	314	195	119	346	186	160	184	142	42
Transportation and material moving workers, total	3,547	3,130	417	919	863	56	0	0	0
Air transportation workers	3,349	2,956	393	899	849	50	0	0	0
Water transportation workers	187	165	22	0	0	0	0	0	0
Transportation and material moving, other	11	9	2	20	14	6	0	0	0
Visual and performing arts, total	50,083	20,729	29,354	10,627	4,470	6,157	1,060	525	535
Visual and performing arts, general	1,333	541	792	71	29	42	1	0	1
Crafts, folk art. and artisanry	109	32	77	14	4	10	0	0	0

Table 258.—Bachelor's, master's, and doctor's degrees conferred by institutions of higher education, by sex of student and field of study: 1996–97—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
Dance	973	73	900	187	25	162	12	3	9
Design and applied art	8,034	3,414	4,620	593	226	367	0	0	0
Dramatic/theater arts and stagecraft	6,409	2,551	3,858	1,452	710	742	97	49	48
Film/video and photographic arts, total	2,985	1,848	1,137	655	376	279	21	13	8
Film-video making/cinematography and production	1,132	768	364	379	216	163	15	8	7
Photography	833	380	453	155	84	71	4	3	1
Film arts, other	1,020	700	320	121	76	45	2	2	0
Fine arts and art studies, total	20,614	7,532	13,082	3,370	1,175	2,195	180	48	132
Art, general	11,431	4,332	7,099	1,032	407	625	26	7	19
Art history, criticism and conservation	4,192	1,184	3,008	898	234	664	145	39	106
Arts management	70	16	54	166	28	138	0	0	0
Painting	753	355	398	207	99	108	0	0	0
Ceramic arts and ceramics	201	65	136	58	29	29	0	0	0
Fiber, textile and weaving arts	109	7	102	39	5	34	1	0	1
Metal and jewelry arts	76	16	60	27	9	18	0	0	0
Fine arts and art studies, other	3,782	1,557	2,225	943	364	579	8	2	6
Music, total	9,120	4,522	4,598	3,857	1,784	2,073	709	395	314
Music, general	4,605	2,192	2,413	1,209	560	649	314	171	143
Music history and literature	61	29	32	57	28	29	33	17	16
Music, general performance	2,882	1,373	1,509	1,907	849	1,058	250	136	114
Music theory and composition	303	226	77	187	129	58	47	28	19
Music, other	1,269	702	567	497	218	279	65	43	22
Visual and performing arts, other	506	216	290	428	141	287	40	17	23
Not classified by field of study	4,856	2,614	2,242	4,519	2,782	1,737	482	320	162

NOTE.—Aggregations by field of study 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), "Completions" survey. (This table was prepared June 1999.)