

Table SHED-6

Master's degrees awarded, by sex, citizenship, race, ethnicity, and field: 2011–19

(Number)

Sex, citizenship, race, ethnicity, and field	2011	2012	2013	2014	2015	2016	2017	2018	2019
Both sexes									
All citizenships, races, and ethnicity									
All fields	736,455	759,538	756,975	759,796	763,980	791,237	810,108	825,621	839,563
S&E	150,653	161,372	166,397	171,228	180,955	198,292	206,172	208,427	209,566
Engineering	41,282	43,175	43,388	45,362	49,207	55,166	56,971	55,982	53,075
Aerospace	1,306	1,408	1,266	1,311	1,318	1,438	1,580	1,620	1,630
Chemical	1,741	1,911	1,932	2,092	2,278	2,306	2,441	2,542	2,321
Civil	5,915	6,405	6,486	6,691	6,573	6,921	6,993	7,252	6,991
Electrical	12,545	12,642	12,473	13,112	15,763	18,733	17,978	16,199	14,923
Industrial	5,083	5,346	5,327	5,605	5,631	6,630	7,759	7,720	6,622
Materials	894	990	1,099	1,170	1,164	1,308	1,371	1,447	1,439
Mechanical	5,938	5,977	5,991	6,285	6,954	7,665	8,386	8,270	7,910
Other	7,860	8,496	8,814	9,096	9,526	10,165	10,463	10,932	11,239
Science	109,371	118,197	123,009	125,866	131,748	143,126	149,201	152,445	156,491
Natural sciences	48,346	52,613	55,873	58,908	66,939	77,883	86,220	89,350	91,100
Agricultural sciences	5,148	5,843	5,757	5,916	5,792	6,043	6,119	6,444	6,754
Biological sciences	11,214	12,313	13,048	13,731	14,370	15,370	16,253	17,222	18,054
Earth, atmospheric, and ocean sciences	1,789	2,049	2,080	2,197	2,212	2,133	2,182	2,059	2,093
Atmospheric sciences	221	240	233	263	253	220	236	238	217
Earth sciences	1,429	1,656	1,705	1,782	1,812	1,760	1,780	1,668	1,732
Oceanography	139	153	142	152	147	153	166	153	144
Mathematics and computer sciences	25,722	27,699	30,179	32,419	39,821	49,601	56,909	58,701	59,393
Computer sciences	19,519	21,015	22,833	24,635	31,552	40,211	46,615	46,548	45,754
Mathematics and statistics	6,203	6,684	7,346	7,784	8,269	9,390	10,294	12,153	13,639
Physical sciences	4,473	4,709	4,809	4,645	4,744	4,736	4,757	4,924	4,806
Astronomy	185	127	170	160	156	140	169	145	225
Chemistry	2,324	2,493	2,478	2,431	2,491	2,513	2,557	2,459	2,415
Physics	1,771	1,879	1,984	1,876	1,934	1,959	1,852	2,156	1,971
Other physical sciences	193	210	177	178	163	124	179	164	195
Social and behavioral sciences	61,025	65,584	67,136	66,958	64,809	65,243	62,981	63,095	65,391
Psychology	22,363	24,121	25,140	25,332	24,029	25,041	24,653	25,128	26,388
Social sciences	38,662	41,463	41,996	41,626	40,780	40,202	38,328	37,967	39,003
Anthropology	1,243	1,279	1,195	1,316	1,258	1,204	1,163	1,227	1,124
Area and ethnic studies	1,880	1,857	1,874	1,791	1,858	1,840	1,723	1,635	1,514
Economics	4,173	4,331	4,287	4,541	4,432	4,378	4,535	4,442	4,759
History of science	44	37	33	28	26	35	32	30	34

Table SHED-6

Master's degrees awarded, by sex, citizenship, race, ethnicity, and field: 2011–19

(Number)

Sex, citizenship, race, ethnicity, and field	2011	2012	2013	2014	2015	2016	2017	2018	2019
Linguistics	711	789	782	728	779	778	687	678	662
Political science and public administration	24,128	26,091	26,762	26,321	25,786	25,501	23,381	23,098	23,908
Sociology	1,640	1,810	1,652	1,661	1,481	1,419	1,442	1,470	1,504
Other social sciences	4,843	5,269	5,411	5,240	5,160	5,047	5,365	5,387	5,498
Non-S&E	585,802	598,166	590,578	588,568	583,025	592,945	603,936	617,194	629,997
U.S. citizen or permanent resident									
All fields	650,538	670,311	662,486	655,968	646,832	655,251	664,628	680,537	701,410
S&E	111,438	120,430	123,136	123,884	122,231	124,355	124,686	128,417	134,940
Engineering	23,895	25,591	25,469	25,471	24,747	24,742	24,958	25,745	26,351
Aerospace	974	1,079	979	991	983	1,040	1,147	1,128	1,227
Chemical	830	916	875	949	1,015	984	1,088	1,113	1,016
Civil	4,296	4,657	4,658	4,583	4,077	4,035	3,771	3,870	3,873
Electrical	5,155	5,089	4,937	4,838	4,656	4,601	4,617	4,561	4,806
Industrial	2,839	3,114	3,129	3,188	2,896	2,946	2,961	3,156	3,035
Materials	488	536	578	575	559	657	645	688	716
Mechanical	3,728	3,830	3,802	3,825	3,950	3,797	3,939	4,051	4,269
Other	5,585	6,370	6,511	6,522	6,611	6,682	6,790	7,178	7,409
Science	87,543	94,839	97,667	98,413	97,484	99,613	99,728	102,672	108,589
Natural sciences	32,941	35,861	37,862	39,137	40,387	42,401	44,992	47,895	51,915
Agricultural sciences	4,514	5,161	5,018	5,114	4,999	5,163	5,198	5,410	5,714
Biological sciences	9,313	10,265	11,003	11,586	12,043	13,061	13,772	14,638	15,541
Earth, atmospheric, and ocean sciences	1,563	1,733	1,763	1,854	1,864	1,780	1,800	1,761	1,806
Atmospheric sciences	200	201	201	219	204	176	183	190	173
Earth sciences	1,242	1,396	1,434	1,502	1,530	1,471	1,474	1,434	1,510
Oceanography	121	136	128	133	130	133	143	137	123
Mathematics and computer sciences	14,551	15,611	16,845	17,501	18,376	19,266	21,092	22,815	25,504
Computer sciences	10,786	11,650	12,725	13,409	14,199	14,900	16,542	17,731	19,799
Mathematics and statistics	3,765	3,961	4,120	4,092	4,177	4,366	4,550	5,084	5,705
Physical sciences	3,000	3,091	3,233	3,082	3,105	3,131	3,130	3,271	3,350
Astronomy	134	104	137	119	122	115	132	110	174
Chemistry	1,532	1,627	1,604	1,555	1,615	1,656	1,705	1,672	1,738
Physics	1,159	1,191	1,357	1,267	1,244	1,272	1,158	1,371	1,302
Other physical sciences	175	169	135	141	124	88	135	118	136
Social and behavioral sciences	54,602	58,978	59,805	59,276	57,097	57,212	54,736	54,777	56,674
Psychology	21,649	23,337	24,212	24,491	23,209	24,054	23,717	24,158	25,388
Social sciences	32,953	35,641	35,593	34,785	33,888	33,158	31,019	30,619	31,286

Table SHED-6

Master's degrees awarded, by sex, citizenship, race, ethnicity, and field: 2011–19

(Number)

Sex, citizenship, race, ethnicity, and field	2011	2012	2013	2014	2015	2016	2017	2018	2019
Anthropology	1,158	1,184	1,089	1,215	1,149	1,105	1,049	1,113	1,002
Area and ethnic studies	1,619	1,604	1,582	1,480	1,564	1,515	1,423	1,346	1,237
Economics	2,325	2,459	2,194	2,188	2,093	2,064	2,038	1,962	2,068
History of science	39	32	26	21	22	32	30	21	28
Linguistics	536	597	594	549	537	564	472	499	482
Political science and public administration	21,338	23,310	23,655	23,044	22,509	22,086	19,965	19,681	20,374
Sociology	1,476	1,638	1,481	1,492	1,318	1,242	1,287	1,286	1,292
Other social sciences	4,462	4,817	4,972	4,796	4,696	4,550	4,755	4,711	4,803
Non-S&E	539,100	549,881	539,350	532,084	524,601	530,896	539,942	552,120	566,470
Hispanic or Latino									
All fields	46,594	50,398	52,804	56,007	58,619	63,063	67,353	72,630	78,915
S&E	8,411	9,449	10,161	10,893	11,392	12,330	13,092	14,025	15,356
Engineering	1,709	1,985	2,075	2,209	2,290	2,214	2,426	2,552	2,761
Aerospace	61	68	81	78	88	74	113	115	121
Chemical	53	58	62	65	96	79	94	81	87
Civil	318	405	425	467	445	445	452	428	511
Electrical	373	363	334	380	391	389	420	424	478
Industrial	327	406	394	445	397	378	423	434	411
Materials	34	35	51	45	44	35	58	58	68
Mechanical	222	277	295	305	334	349	390	415	423
Other	321	373	433	424	495	465	476	597	662
Science	6,702	7,464	8,086	8,684	9,102	10,116	10,666	11,473	12,595
Natural sciences	1,975	2,259	2,422	2,667	2,920	3,363	3,647	4,192	4,845
Agricultural sciences	264	302	295	305	314	383	382	420	477
Biological sciences	581	677	754	872	916	1,165	1,341	1,447	1,694
Earth, atmospheric, and ocean sciences	81	83	80	97	104	113	118	142	144
Atmospheric sciences	9	9	8	15	12	8	7	12	8
Earth sciences	66	72	68	77	86	93	105	123	130
Oceanography	6	2	4	5	6	12	6	7	6
Mathematics and computer sciences	875	1,043	1,106	1,196	1,354	1,459	1,554	1,888	2,172
Computer sciences	659	810	815	921	1,056	1,160	1,231	1,472	1,686
Mathematics and statistics	216	233	291	275	298	299	323	416	486
Physical sciences	174	154	187	197	232	243	252	295	358
Astronomy	6	4	5	5	5	10	7	7	20
Chemistry	107	82	99	116	123	135	149	169	180
Physics	54	65	77	71	100	92	89	111	146

Table SHED-6

Master's degrees awarded, by sex, citizenship, race, ethnicity, and field: 2011–19

(Number)

Sex, citizenship, race, ethnicity, and field	2011	2012	2013	2014	2015	2016	2017	2018	2019
Other physical sciences	7	3	6	5	4	6	7	8	12
Social and behavioral sciences	4,727	5,205	5,664	6,017	6,182	6,753	7,019	7,281	7,750
Psychology	2,051	2,147	2,547	2,566	2,664	3,063	3,157	3,341	3,641
Social sciences	2,676	3,058	3,117	3,451	3,518	3,690	3,862	3,940	4,109
Anthropology	89	81	108	85	98	101	110	120	119
Area and ethnic studies	187	225	215	250	248	358	268	273	216
Economics	152	161	160	146	164	173	178	165	185
History of science	1	3	2	1	2	1	0	1	2
Linguistics	42	58	56	59	50	59	55	60	63
Political science and public administration	1,706	1,965	2,019	2,308	2,305	2,356	2,473	2,523	2,736
Sociology	166	201	177	209	192	197	197	225	228
Other social sciences	333	364	380	393	459	445	581	573	560
Non-S&E	38,183	40,949	42,643	45,114	47,227	50,733	54,261	58,605	63,559
Not Hispanic or Latino									
All fields	603,944	619,913	609,682	599,961	588,213	592,188	597,275	607,907	622,495
S&E	103,027	110,981	112,975	112,991	110,839	112,025	111,594	114,392	119,584
Engineering	22,186	23,606	23,394	23,262	22,457	22,528	22,532	23,193	23,590
Aerospace	913	1,011	898	913	895	966	1,034	1,013	1,106
Chemical	777	858	813	884	919	905	994	1,032	929
Civil	3,978	4,252	4,233	4,116	3,632	3,590	3,319	3,442	3,362
Electrical	4,782	4,726	4,603	4,458	4,265	4,212	4,197	4,137	4,328
Industrial	2,512	2,708	2,735	2,743	2,499	2,568	2,538	2,722	2,624
Materials	454	501	527	530	515	622	587	630	648
Mechanical	3,506	3,553	3,507	3,520	3,616	3,448	3,549	3,636	3,846
Other	5,264	5,997	6,078	6,098	6,116	6,217	6,314	6,581	6,747
Science	80,841	87,375	89,581	89,729	88,382	89,497	89,062	91,199	95,994
Natural sciences	30,966	33,602	35,440	36,470	37,467	39,038	41,345	43,703	47,070
Agricultural sciences	4,250	4,859	4,723	4,809	4,685	4,780	4,816	4,990	5,237
Biological sciences	8,732	9,588	10,249	10,714	11,127	11,896	12,431	13,191	13,847
Earth, atmospheric, and ocean sciences	1,482	1,650	1,683	1,757	1,760	1,667	1,682	1,619	1,662
Atmospheric sciences	191	192	193	204	192	168	176	178	165
Earth sciences	1,176	1,324	1,366	1,425	1,444	1,378	1,369	1,311	1,380
Oceanography	115	134	124	128	124	121	137	130	117
Mathematics and computer sciences	13,676	14,568	15,739	16,305	17,022	17,807	19,538	20,927	23,332
Computer sciences	10,127	10,840	11,910	12,488	13,143	13,740	15,311	16,259	18,113
Mathematics and statistics	3,549	3,728	3,829	3,817	3,879	4,067	4,227	4,668	5,219

Table SHED-6

Master's degrees awarded, by sex, citizenship, race, ethnicity, and field: 2011–19

(Number)

Sex, citizenship, race, ethnicity, and field	2011	2012	2013	2014	2015	2016	2017	2018	2019
Physical sciences	2,826	2,937	3,046	2,885	2,873	2,888	2,878	2,976	2,992
Astronomy	128	100	132	114	117	105	125	103	154
Chemistry	1,425	1,545	1,505	1,439	1,492	1,521	1,556	1,503	1,558
Physics	1,105	1,126	1,280	1,196	1,144	1,180	1,069	1,260	1,156
Other physical sciences	168	166	129	136	120	82	128	110	124
Social and behavioral sciences	49,875	53,773	54,141	53,259	50,915	50,459	47,717	47,496	48,924
Psychology	19,598	21,190	21,665	21,925	20,545	20,991	20,560	20,817	21,747
Social sciences	30,277	32,583	32,476	31,334	30,370	29,468	27,157	26,679	27,177
Anthropology	1,069	1,103	981	1,130	1,051	1,004	939	993	883
Area and ethnic studies	1,432	1,379	1,367	1,230	1,316	1,157	1,155	1,073	1,021
Economics	2,173	2,298	2,034	2,042	1,929	1,891	1,860	1,797	1,883
History of science	38	29	24	20	20	31	30	20	26
Linguistics	494	539	538	490	487	505	417	439	419
Political science and public administration	19,632	21,345	21,636	20,736	20,204	19,730	17,492	17,158	17,638
Sociology	1,310	1,437	1,304	1,283	1,126	1,045	1,090	1,061	1,064
Other social sciences	4,129	4,453	4,592	4,403	4,237	4,105	4,174	4,138	4,243
Non-S&E	500,917	508,932	496,707	486,970	477,374	480,163	485,681	493,515	502,911
American Indian or Alaska Native									
All fields	3,507	3,282	3,350	3,188	3,116	3,244	3,142	3,084	3,211
S&E	584	603	597	589	548	583	618	573	553
Engineering	78	92	79	55	59	80	77	70	67
Aerospace	3	1	6	3	3	2	3	4	5
Chemical	2	2	1	0	3	3	6	2	4
Civil	16	17	14	12	9	13	5	13	9
Electrical	10	15	11	6	8	16	14	9	9
Industrial	15	20	13	10	11	12	15	11	11
Materials	0	3	3	0	2	0	0	0	2
Mechanical	13	13	10	8	5	11	9	8	8
Other	19	21	21	16	18	23	25	23	19
Science	506	511	518	534	489	503	541	503	486
Natural sciences	161	173	160	146	158	144	166	134	170
Agricultural sciences	34	34	36	20	40	26	33	35	35
Biological sciences	40	48	39	49	43	24	43	33	58
Earth, atmospheric, and ocean sciences	13	17	15	4	6	12	7	2	8
Atmospheric sciences	2	0	2	0	0	0	1	0	0
Earth sciences	10	16	12	3	6	12	6	2	8

Table SHED-6

Master's degrees awarded, by sex, citizenship, race, ethnicity, and field: 2011–19

(Number)

Sex, citizenship, race, ethnicity, and field	2011	2012	2013	2014	2015	2016	2017	2018	2019
Oceanography	1	1	1	1	0	0	0	0	0
Mathematics and computer sciences	62	63	54	61	62	68	77	55	59
Computer sciences	48	52	45	56	53	59	72	49	51
Mathematics and statistics	14	11	9	5	9	9	5	6	8
Physical sciences	12	11	16	12	7	14	6	9	10
Astronomy	2	0	1	0	0	1	0	1	0
Chemistry	5	6	10	7	4	3	3	7	5
Physics	3	4	5	4	3	9	3	1	4
Other physical sciences	2	1	0	1	0	1	0	0	1
Social and behavioral sciences	345	338	358	388	331	359	375	369	316
Psychology	116	112	140	154	119	132	129	131	124
Social sciences	229	226	218	234	212	227	246	238	192
Anthropology	14	14	12	13	5	10	17	10	9
Area and ethnic studies	23	29	28	22	36	42	66	64	56
Economics	8	4	8	4	2	6	3	6	4
History of science	0	0	0	2	1	0	0	0	0
Linguistics	7	5	6	6	2	9	4	1	3
Political science and public administration	137	134	134	161	142	137	129	133	94
Sociology	8	15	7	6	7	4	7	6	4
Other social sciences	32	25	23	20	17	19	20	18	22
Non-S&E	2,923	2,679	2,753	2,599	2,568	2,661	2,524	2,511	2,658
Asian									
All fields	37,473	39,001	38,950	38,800	39,188	40,628	42,815	45,066	47,167
S&E	10,347	10,539	10,992	10,785	10,976	11,643	12,837	13,027	13,960
Engineering	3,942	3,792	3,867	3,574	3,469	3,599	3,661	3,691	3,937
Aerospace	109	126	111	110	98	108	107	147	148
Chemical	153	164	153	171	174	207	195	178	186
Civil	481	511	501	478	406	425	371	435	441
Electrical	1,430	1,264	1,326	1,089	1,083	1,124	1,062	1,038	1,106
Industrial	362	330	376	325	290	272	309	329	330
Materials	73	67	102	98	94	99	108	98	103
Mechanical	466	428	433	432	475	471	505	474	591
Other	868	902	865	871	849	893	1,004	992	1,032
Science	6,405	6,747	7,125	7,211	7,507	8,044	9,176	9,336	10,023
Natural sciences	3,912	3,996	4,390	4,553	4,941	5,507	6,426	6,633	7,200
Agricultural sciences	199	218	184	185	166	161	184	197	198

Table SHED-6

Master's degrees awarded, by sex, citizenship, race, ethnicity, and field: 2011–19

(Number)

Sex, citizenship, race, ethnicity, and field	2011	2012	2013	2014	2015	2016	2017	2018	2019
Biological sciences	1,244	1,416	1,554	1,623	1,723	1,789	1,938	2,104	2,245
Earth, atmospheric, and ocean sciences	37	39	41	42	53	58	43	60	65
Atmospheric sciences	6	5	5	4	5	4	2	10	4
Earth sciences	27	34	27	34	45	48	36	47	59
Oceanography	4	0	9	4	3	6	5	3	2
Mathematics and computer sciences	2,128	2,070	2,297	2,425	2,727	3,195	3,958	3,967	4,391
Computer sciences	1,618	1,567	1,738	1,881	2,174	2,599	3,250	3,177	3,491
Mathematics and statistics	510	503	559	544	553	596	708	790	900
Physical sciences	304	253	314	278	272	304	303	305	301
Astronomy	8	6	14	9	10	9	9	8	16
Chemistry	206	171	202	195	183	198	184	196	192
Physics	80	72	93	71	73	94	101	95	87
Other physical sciences	10	4	5	3	6	3	9	6	6
Social and behavioral sciences	2,493	2,751	2,735	2,658	2,566	2,537	2,750	2,703	2,823
Psychology	753	874	908	885	833	883	903	1,014	1,083
Social sciences	1,740	1,877	1,827	1,773	1,733	1,654	1,847	1,689	1,740
Anthropology	43	38	27	38	39	45	26	40	25
Area and ethnic studies	100	100	108	96	88	81	117	76	86
Economics	219	272	230	211	231	200	219	208	204
History of science	1	2	1	2	2	0	1	1	2
Linguistics	38	41	44	45	27	49	31	34	40
Political science and public administration	1,077	1,135	1,140	1,138	1,104	1,041	1,154	1,032	1,082
Sociology	86	84	81	58	61	48	79	58	62
Other social sciences	176	205	196	185	181	190	220	240	239
Non-S&E	27,126	28,462	27,958	28,015	28,212	28,985	29,978	32,039	33,207
Black or African American									
All fields	71,393	75,931	79,618	80,576	79,680	81,382	82,908	84,837	86,613
S&E	10,961	12,063	13,112	13,280	13,239	13,334	13,160	13,814	14,295
Engineering	1,180	1,245	1,255	1,228	1,323	1,269	1,247	1,268	1,337
Aerospace	25	18	22	29	18	26	26	30	31
Chemical	42	48	66	50	62	52	52	49	50
Civil	152	169	177	161	148	178	160	137	160
Electrical	291	254	251	235	258	265	244	236	248
Industrial	232	230	233	239	256	241	235	244	250
Materials	14	19	17	21	21	31	22	24	34
Mechanical	104	116	100	104	115	106	106	123	130

Table SHED-6

Master's degrees awarded, by sex, citizenship, race, ethnicity, and field: 2011–19

(Number)

Sex, citizenship, race, ethnicity, and field	2011	2012	2013	2014	2015	2016	2017	2018	2019
Other	320	391	389	389	445	370	402	425	434
Science	9,781	10,818	11,857	12,052	11,916	12,065	11,913	12,546	12,958
Natural sciences	2,322	2,652	3,108	3,140	3,337	3,492	3,816	4,244	4,751
Agricultural sciences	180	166	187	190	189	196	202	224	239
Biological sciences	599	673	752	785	847	932	1,074	1,209	1,403
Earth, atmospheric, and ocean sciences	29	38	45	39	45	30	36	46	44
Atmospheric sciences	4	4	6	6	4	3	4	5	2
Earth sciences	25	33	37	33	40	27	30	40	38
Oceanography	0	1	2	0	1	0	2	1	4
Mathematics and computer sciences	1,376	1,601	1,983	1,994	2,117	2,207	2,364	2,633	2,933
Computer sciences	1,212	1,420	1,776	1,801	1,913	1,998	2,152	2,399	2,646
Mathematics and statistics	164	181	207	193	204	209	212	234	287
Physical sciences	138	174	141	132	139	127	140	132	132
Astronomy	0	2	1	3	1	0	1	3	4
Chemistry	93	129	84	102	97	89	94	83	81
Physics	40	34	49	22	34	33	40	40	38
Other physical sciences	5	9	7	5	7	5	5	6	9
Social and behavioral sciences	7,459	8,166	8,749	8,912	8,579	8,573	8,097	8,302	8,207
Psychology	2,856	3,127	3,179	3,313	3,089	3,237	3,271	3,358	3,465
Social sciences	4,603	5,039	5,570	5,599	5,490	5,336	4,826	4,944	4,742
Anthropology	30	42	32	31	28	34	29	45	42
Area and ethnic studies	184	157	142	142	149	141	144	156	141
Economics	121	120	149	124	134	124	113	133	145
History of science	0	0	1	2	1	3	1	1	3
Linguistics	18	17	16	18	21	19	20	15	20
Political science and public administration	3,507	3,950	4,319	4,312	4,239	4,147	3,580	3,680	3,566
Sociology	198	203	220	250	197	159	180	215	185
Other social sciences	545	550	691	720	721	709	759	699	640
Non-S&E	60,432	63,868	66,506	67,296	66,441	68,048	69,748	71,023	72,318
Native Hawaiian or Other Pacific Islander									
All fields	1,272	1,521	1,687	1,755	1,519	1,514	1,537	1,559	1,465
S&E	230	238	255	273	269	233	294	260	219
Engineering	19	38	34	35	35	26	41	30	24
Aerospace	0	2	1	1	0	0	2	1	1
Chemical	0	2	1	1	0	0	0	1	1
Civil	4	8	9	4	7	5	8	11	6

Table SHED-6

Master's degrees awarded, by sex, citizenship, race, ethnicity, and field: 2011–19

(Number)

Sex, citizenship, race, ethnicity, and field	2011	2012	2013	2014	2015	2016	2017	2018	2019
Electrical	5	2	7	5	9	8	6	3	2
Industrial	0	8	2	9	2	4	6	3	6
Materials	1	0	3	0	0	0	1	1	0
Mechanical	2	4	5	0	5	4	7	2	0
Other	7	12	6	15	12	5	11	8	8
Science	211	200	221	238	234	207	253	230	195
Natural sciences	68	61	70	70	78	64	82	78	70
Agricultural sciences	4	7	15	7	12	2	8	9	8
Biological sciences	23	26	22	20	20	16	19	16	13
Earth, atmospheric, and ocean sciences	4	0	1	2	2	2	0	3	3
Atmospheric sciences	1	0	0	0	0	0	0	0	1
Earth sciences	3	0	1	2	2	2	0	3	2
Oceanography	0	0	0	0	0	0	0	0	0
Mathematics and computer sciences	33	23	25	38	42	41	50	45	43
Computer sciences	28	17	24	35	38	37	45	40	39
Mathematics and statistics	5	6	1	3	4	4	5	5	4
Physical sciences	4	5	7	3	2	3	5	5	3
Astronomy	0	0	0	0	0	0	0	0	0
Chemistry	2	3	4	2	1	2	3	2	1
Physics	1	2	3	1	1	1	2	2	2
Other physical sciences	1	0	0	0	0	0	0	1	0
Social and behavioral sciences	143	139	151	168	156	143	171	152	125
Psychology	43	55	59	72	60	55	78	71	60
Social sciences	100	84	92	96	96	88	93	81	65
Anthropology	1	5	1	0	1	3	1	3	3
Area and ethnic studies	7	13	9	10	5	4	8	1	2
Economics	2	2	4	5	0	1	4	0	0
History of science	0	0	0	0	0	0	0	0	0
Linguistics	0	0	1	1	0	0	0	0	0
Political science and public administration	79	55	70	64	74	68	72	58	49
Sociology	0	1	1	3	0	2	3	5	2
Other social sciences	11	8	6	13	16	10	5	14	9
Non-S&E	1,042	1,283	1,432	1,482	1,250	1,281	1,243	1,299	1,246
White									
All fields	410,814	419,809	413,610	405,699	396,460	396,186	401,523	408,500	416,755
S&E	67,712	73,327	73,856	74,278	72,869	72,815	72,596	74,346	77,210

Table SHED-6

Master's degrees awarded, by sex, citizenship, race, ethnicity, and field: 2011–19

(Number)

Sex, citizenship, race, ethnicity, and field	2011	2012	2013	2014	2015	2016	2017	2018	2019
Engineering	14,579	16,022	15,556	15,591	15,263	15,079	15,297	15,913	16,035
Aerospace	699	805	694	708	711	758	804	749	837
Chemical	505	561	524	595	590	551	642	684	600
Civil	2,993	3,183	3,046	3,014	2,748	2,649	2,482	2,524	2,473
Electrical	2,513	2,690	2,513	2,425	2,435	2,296	2,442	2,458	2,507
Industrial	1,541	1,787	1,766	1,806	1,702	1,744	1,709	1,893	1,823
Materials	326	363	364	379	354	432	392	459	453
Mechanical	2,624	2,699	2,628	2,595	2,636	2,484	2,588	2,699	2,789
Other	3,378	3,934	4,021	4,069	4,087	4,165	4,238	4,447	4,553
Science	53,133	57,305	58,300	58,687	57,606	57,736	57,299	58,433	61,175
Natural sciences	20,666	22,734	23,581	24,339	24,781	25,511	26,526	28,191	29,903
Agricultural sciences	3,484	4,043	3,887	3,987	3,860	3,992	3,937	4,055	4,277
Biological sciences	5,838	6,438	6,828	7,126	7,309	7,831	8,173	8,639	8,781
Earth, atmospheric, and ocean sciences	1,278	1,417	1,444	1,519	1,512	1,433	1,449	1,367	1,403
Atmospheric sciences	170	172	169	179	166	145	156	151	140
Earth sciences	1,011	1,124	1,174	1,227	1,239	1,180	1,173	1,103	1,161
Oceanography	97	121	101	113	107	108	120	113	102
Mathematics and computer sciences	8,005	8,605	9,158	9,524	9,953	10,104	10,809	11,874	13,167
Computer sciences	5,553	5,997	6,525	6,797	7,223	7,278	7,968	8,697	9,735
Mathematics and statistics	2,452	2,608	2,633	2,727	2,730	2,826	2,841	3,177	3,432
Physical sciences	2,061	2,231	2,264	2,183	2,147	2,151	2,158	2,256	2,275
Astronomy	98	82	101	90	95	86	105	85	120
Chemistry	964	1,110	1,061	997	1,058	1,078	1,138	1,085	1,142
Physics	868	901	995	990	903	931	823	1,006	913
Other physical sciences	131	138	107	106	91	56	92	80	100
Social and behavioral sciences	32,467	34,571	34,719	34,348	32,825	32,225	30,773	30,242	31,272
Psychology	13,227	13,983	14,542	14,848	13,955	13,998	13,556	13,473	13,947
Social sciences	19,240	20,588	20,177	19,500	18,870	18,227	17,217	16,769	17,325
Anthropology	825	863	772	881	857	789	752	776	693
Area and ethnic studies	942	937	920	797	864	764	697	652	590
Economics	1,469	1,542	1,374	1,418	1,307	1,347	1,304	1,270	1,345
History of science	34	24	17	12	15	23	25	15	21
Linguistics	368	414	390	362	378	370	313	331	298
Political science and public administration	11,809	12,652	12,631	12,170	11,833	11,432	10,671	10,300	10,842
Sociology	863	977	876	847	743	742	719	675	704
Other social sciences	2,930	3,179	3,197	3,013	2,873	2,760	2,736	2,750	2,832

Table SHED-6

Master's degrees awarded, by sex, citizenship, race, ethnicity, and field: 2011–19

(Number)

Sex, citizenship, race, ethnicity, and field	2011	2012	2013	2014	2015	2016	2017	2018	2019
Non-S&E	343,102	346,482	339,754	331,421	323,591	323,371	328,927	334,154	339,545
More than one race									
All fields	5,970	8,751	10,720	12,229	13,375	15,227	16,370	17,542	19,110
S&E	1,335	2,067	2,545	2,913	3,105	3,469	3,796	4,133	4,601
Engineering	296	392	492	568	585	720	700	791	921
Aerospace	15	20	23	23	30	30	40	41	49
Chemical	15	18	13	14	30	22	29	40	42
Civil	50	87	104	116	95	112	119	114	125
Electrical	62	64	85	103	95	136	119	137	173
Industrial	43	39	56	59	53	66	63	79	80
Materials	5	12	15	16	18	27	19	22	31
Mechanical	36	50	72	98	89	129	131	129	154
Other	70	102	124	139	175	198	180	229	267
Science	1,039	1,675	2,053	2,345	2,520	2,749	3,096	3,342	3,680
Natural sciences	341	560	810	902	1,025	1,150	1,419	1,521	1,752
Agricultural sciences	48	71	95	109	128	114	170	162	191
Biological sciences	110	167	283	326	332	387	479	484	553
Earth, atmospheric, and ocean sciences	9	25	42	53	33	51	44	69	69
Atmospheric sciences	0	2	3	3	5	4	2	7	6
Earth sciences	9	22	38	45	27	45	37	56	60
Oceanography	0	1	1	5	1	2	5	6	3
Mathematics and computer sciences	141	243	308	358	446	489	623	695	822
Computer sciences	107	180	229	290	345	388	488	563	610
Mathematics and statistics	34	63	79	68	101	101	135	132	212
Physical sciences	33	54	82	56	86	109	103	111	117
Astronomy	3	1	2	2	4	3	5	3	8
Chemistry	17	26	36	31	50	60	52	50	60
Physics	9	23	41	21	29	40	43	52	46
Other physical sciences	4	4	3	2	3	6	3	6	3
Social and behavioral sciences	698	1,115	1,243	1,443	1,495	1,599	1,677	1,821	1,928
Psychology	241	400	480	500	541	623	730	783	810
Social sciences	457	715	763	943	954	976	947	1,038	1,118
Anthropology	17	31	36	55	44	45	43	55	58
Area and ethnic studies	35	49	59	60	66	56	56	72	81
Economics	41	50	55	45	47	61	61	63	57
History of science	0	1	1	1	0	2	2	1	0

Table SHED-6

Master's degrees awarded, by sex, citizenship, race, ethnicity, and field: 2011–19

(Number)

Sex, citizenship, race, ethnicity, and field	2011	2012	2013	2014	2015	2016	2017	2018	2019
Linguistics	5	17	17	16	19	26	21	22	15
Political science and public administration	267	416	463	579	603	628	572	635	685
Sociology	27	43	46	56	53	42	57	47	60
Other social sciences	65	108	86	131	122	116	135	143	162
Non-S&E	4,635	6,684	8,175	9,316	10,270	11,758	12,574	13,409	14,509
Other or unknown race or ethnicity									
All fields	73,515	71,618	61,747	57,714	54,875	54,007	48,980	47,319	48,174
S&E	11,858	12,144	11,618	10,873	9,833	9,948	8,293	8,239	8,746
Engineering	2,092	2,025	2,111	2,211	1,723	1,755	1,509	1,430	1,269
Aerospace	62	39	41	39	35	42	52	41	35
Chemical	60	63	55	53	60	70	70	78	46
Civil	282	277	382	331	219	208	174	208	148
Electrical	471	437	410	595	377	367	310	256	283
Industrial	319	294	289	295	185	229	201	163	124
Materials	35	37	23	16	26	33	45	26	25
Mechanical	261	243	259	283	291	243	203	201	174
Other	602	635	652	599	530	563	454	457	434
Science	9,766	10,119	9,507	8,662	8,110	8,193	6,784	6,809	7,477
Natural sciences	3,496	3,426	3,321	3,320	3,147	3,170	2,910	2,902	3,224
Agricultural sciences	301	320	319	311	290	289	282	308	289
Biological sciences	878	820	771	785	853	917	705	706	794
Earth, atmospheric, and ocean sciences	112	114	95	98	109	81	103	72	70
Atmospheric sciences	8	9	8	12	12	12	11	5	12
Earth sciences	91	95	77	81	85	64	87	60	52
Oceanography	13	10	10	5	12	5	5	7	6
Mathematics and computer sciences	1,931	1,963	1,914	1,905	1,675	1,703	1,657	1,658	1,917
Computer sciences	1,561	1,607	1,573	1,628	1,397	1,381	1,336	1,334	1,541
Mathematics and statistics	370	356	341	277	278	322	321	324	376
Physical sciences	274	209	222	221	220	180	163	158	154
Astronomy	17	9	13	10	7	6	5	3	6
Chemistry	138	100	108	105	99	91	82	80	77
Physics	104	90	94	87	101	72	57	64	66
Other physical sciences	15	10	7	19	13	11	19	11	5
Social and behavioral sciences	6,270	6,693	6,186	5,342	4,963	5,023	3,874	3,907	4,253
Psychology	2,362	2,639	2,357	2,153	1,948	2,063	1,893	1,987	2,258
Social sciences	3,908	4,054	3,829	3,189	3,015	2,960	1,981	1,920	1,995

Table SHED-6

Master's degrees awarded, by sex, citizenship, race, ethnicity, and field: 2011–19

(Number)

Sex, citizenship, race, ethnicity, and field	2011	2012	2013	2014	2015	2016	2017	2018	2019
Anthropology	139	110	101	112	77	78	71	64	53
Area and ethnic studies	141	94	101	103	108	69	67	52	65
Economics	313	308	214	235	208	152	156	117	128
History of science	3	2	4	1	1	3	1	2	0
Linguistics	58	45	64	42	40	32	28	36	43
Political science and public administration	2,756	3,003	2,879	2,312	2,209	2,277	1,314	1,320	1,320
Sociology	128	114	73	63	65	48	45	55	47
Other social sciences	370	378	393	321	307	301	299	274	339
Non-S&E	61,657	59,474	50,129	46,841	45,042	44,059	40,687	39,080	39,428
Temporary visa holder									
All fields	85,917	89,227	94,489	103,828	117,148	135,986	145,480	145,084	138,153
S&E	39,215	40,942	43,261	47,344	58,724	73,937	81,486	80,010	74,626
Engineering	17,387	17,584	17,919	19,891	24,460	30,424	32,013	30,237	26,724
Aerospace	332	329	287	320	335	398	433	492	403
Chemical	911	995	1,057	1,143	1,263	1,322	1,353	1,429	1,305
Civil	1,619	1,748	1,828	2,108	2,496	2,886	3,222	3,382	3,118
Electrical	7,390	7,553	7,536	8,274	11,107	14,132	13,361	11,638	10,117
Industrial	2,244	2,232	2,198	2,417	2,735	3,684	4,798	4,564	3,587
Materials	406	454	521	595	605	651	726	759	723
Mechanical	2,210	2,147	2,189	2,460	3,004	3,868	4,447	4,219	3,641
Other	2,275	2,126	2,303	2,574	2,915	3,483	3,673	3,754	3,830
Science	21,828	23,358	25,342	27,453	34,264	43,513	49,473	49,773	47,902
Natural sciences	15,405	16,752	18,011	19,771	26,552	35,482	41,228	41,455	39,185
Agricultural sciences	634	682	739	802	793	880	921	1,034	1,040
Biological sciences	1,901	2,048	2,045	2,145	2,327	2,309	2,481	2,584	2,513
Earth, atmospheric, and ocean sciences	226	316	317	343	348	353	382	298	287
Atmospheric sciences	21	39	32	44	49	44	53	48	44
Earth sciences	187	260	271	280	282	289	306	234	222
Oceanography	18	17	14	19	17	20	23	16	21
Mathematics and computer sciences	11,171	12,088	13,334	14,918	21,445	30,335	35,817	35,886	33,889
Computer sciences	8,733	9,365	10,108	11,226	17,353	25,311	30,073	28,817	25,955
Mathematics and statistics	2,438	2,723	3,226	3,692	4,092	5,024	5,744	7,069	7,934
Physical sciences	1,473	1,618	1,576	1,563	1,639	1,605	1,627	1,653	1,456
Astronomy	51	23	33	41	34	25	37	35	51
Chemistry	792	866	874	876	876	857	852	787	677
Physics	612	688	627	609	690	687	694	785	669

Table SHED-6

Master's degrees awarded, by sex, citizenship, race, ethnicity, and field: 2011–19

(Number)

Sex, citizenship, race, ethnicity, and field	2011	2012	2013	2014	2015	2016	2017	2018	2019
Other physical sciences	18	41	42	37	39	36	44	46	59
Social and behavioral sciences	6,423	6,606	7,331	7,682	7,712	8,031	8,245	8,318	8,717
Psychology	714	784	928	841	820	987	936	970	1,000
Social sciences	5,709	5,822	6,403	6,841	6,892	7,044	7,309	7,348	7,717
Anthropology	85	95	106	101	109	99	114	114	122
Area and ethnic studies	261	253	292	311	294	325	300	289	277
Economics	1,848	1,872	2,093	2,353	2,339	2,314	2,497	2,480	2,691
History of science	5	5	7	7	4	3	2	9	6
Linguistics	175	192	188	179	242	214	215	179	180
Political science and public administration	2,790	2,781	3,107	3,277	3,277	3,415	3,416	3,417	3,534
Sociology	164	172	171	169	163	177	155	184	212
Other social sciences	381	452	439	444	464	497	610	676	695
Non-S&E	46,702	48,285	51,228	56,484	58,424	62,049	63,994	65,074	63,527
Male									
All citizenships, races, and ethnicity									
All fields	293,301	303,802	303,230	304,556	308,283	322,313	328,651	328,608	328,081
S&E	82,451	87,859	90,046	92,457	99,282	110,442	116,326	115,295	113,535
Engineering	31,943	33,276	33,091	34,374	36,925	41,377	42,853	41,549	39,107
Aerospace	1,110	1,217	1,076	1,104	1,140	1,198	1,336	1,351	1,342
Chemical	1,235	1,316	1,319	1,475	1,603	1,608	1,657	1,727	1,621
Civil	4,266	4,551	4,503	4,695	4,607	4,794	4,905	4,970	4,743
Electrical	10,064	10,128	9,992	10,268	12,018	14,187	13,605	12,165	11,228
Industrial	3,738	3,907	3,926	4,094	4,070	4,943	5,907	5,663	4,782
Materials	650	669	764	822	818	921	945	1,033	1,001
Mechanical	5,150	5,226	5,160	5,325	5,879	6,538	7,175	7,125	6,656
Other	5,730	6,262	6,351	6,591	6,790	7,188	7,323	7,515	7,734
Science	50,508	54,583	56,955	58,083	62,357	69,065	73,473	73,746	74,428
Natural sciences	28,688	31,264	33,487	34,832	39,765	46,686	51,661	52,309	52,785
Agricultural sciences	2,399	2,690	2,584	2,622	2,564	2,603	2,660	2,720	2,810
Biological sciences	4,782	5,235	5,625	5,913	6,044	6,510	6,708	6,864	7,174
Earth, atmospheric, and ocean sciences	994	1,174	1,178	1,281	1,257	1,210	1,237	1,181	1,168
Atmospheric sciences	135	147	142	152	163	144	132	147	118
Earth sciences	797	960	961	1,063	1,031	996	1,035	967	987
Oceanography	62	67	75	66	63	70	70	67	63
Mathematics and computer sciences	17,697	19,145	20,989	22,087	26,834	33,321	38,025	38,375	38,548
Computer sciences	14,011	15,172	16,570	17,547	21,945	27,839	32,221	31,452	30,731

Table SHED-6

Master's degrees awarded, by sex, citizenship, race, ethnicity, and field: 2011–19

(Number)

Sex, citizenship, race, ethnicity, and field	2011	2012	2013	2014	2015	2016	2017	2018	2019
Mathematics and statistics	3,686	3,973	4,419	4,540	4,889	5,482	5,804	6,923	7,817
Physical sciences	2,816	3,020	3,111	2,929	3,066	3,042	3,031	3,169	3,085
Astronomy	115	77	94	94	94	83	99	95	134
Chemistry	1,243	1,361	1,348	1,309	1,382	1,368	1,420	1,343	1,311
Physics	1,367	1,470	1,583	1,437	1,498	1,526	1,411	1,661	1,550
Other physical sciences	91	112	86	89	92	65	101	70	90
Social and behavioral sciences	21,820	23,319	23,468	23,251	22,592	22,379	21,812	21,437	21,643
Psychology	4,719	5,045	5,288	5,327	5,103	5,185	5,180	5,121	5,226
Social sciences	17,101	18,274	18,180	17,924	17,489	17,194	16,632	16,316	16,417
Anthropology	394	419	376	416	411	418	365	357	319
Area and ethnic studies	746	728	724	654	709	704	644	606	552
Economics	2,445	2,596	2,514	2,689	2,633	2,574	2,639	2,601	2,695
History of science	30	19	19	9	11	17	16	15	16
Linguistics	229	281	290	287	255	279	260	230	235
Political science and public administration	10,580	11,179	11,356	11,115	10,850	10,684	10,184	9,958	10,068
Sociology	567	633	545	537	495	518	494	527	486
Other social sciences	2,110	2,419	2,356	2,217	2,125	2,000	2,030	2,022	2,046
Non-S&E	210,850	215,943	213,184	212,099	209,001	211,871	212,325	213,313	214,546
U.S. citizen or permanent resident									
All fields	244,503	254,109	250,928	248,227	243,739	245,101	245,511	248,245	252,702
S&E	56,561	61,089	62,213	62,242	61,500	62,000	62,814	64,351	67,027
Engineering	18,633	20,064	19,797	19,785	18,962	18,850	18,907	19,337	19,582
Aerospace	836	935	837	826	849	874	988	960	1,025
Chemical	597	666	625	700	725	700	740	785	742
Civil	3,123	3,361	3,315	3,251	2,865	2,761	2,570	2,635	2,554
Electrical	4,315	4,336	4,212	4,053	3,905	3,807	3,882	3,861	3,996
Industrial	2,070	2,293	2,325	2,382	2,084	2,224	2,181	2,236	2,139
Materials	355	362	401	406	398	485	440	490	484
Mechanical	3,211	3,355	3,259	3,250	3,313	3,180	3,264	3,392	3,520
Other	4,126	4,756	4,823	4,917	4,823	4,819	4,842	4,978	5,122
Science	37,928	41,025	42,416	42,457	42,538	43,150	43,907	45,014	47,445
Natural sciences	19,030	20,728	22,156	22,617	23,340	24,277	25,740	27,170	29,499
Agricultural sciences	2,077	2,375	2,249	2,273	2,215	2,229	2,247	2,268	2,366
Biological sciences	3,990	4,341	4,777	5,040	5,179	5,606	5,769	5,902	6,259
Earth, atmospheric, and ocean sciences	874	982	1,000	1,067	1,049	989	1,025	996	996
Atmospheric sciences	123	128	129	127	140	121	109	117	96

Table SHED-6

Master's degrees awarded, by sex, citizenship, race, ethnicity, and field: 2011–19

(Number)

Sex, citizenship, race, ethnicity, and field	2011	2012	2013	2014	2015	2016	2017	2018	2019
Earth sciences	701	794	802	888	858	815	858	824	850
Oceanography	50	60	69	52	51	53	58	55	50
Mathematics and computer sciences	10,197	11,037	12,029	12,263	12,844	13,396	14,697	15,870	17,708
Computer sciences	7,858	8,585	9,422	9,741	10,168	10,646	11,920	12,643	14,013
Mathematics and statistics	2,339	2,452	2,607	2,522	2,676	2,750	2,777	3,227	3,695
Physical sciences	1,892	1,993	2,101	1,974	2,053	2,057	2,002	2,134	2,170
Astronomy	81	65	70	71	75	72	73	70	101
Chemistry	809	910	871	829	911	918	960	917	962
Physics	916	933	1,102	1,004	1,002	1,023	899	1,102	1,054
Other physical sciences	86	85	58	70	65	44	70	45	53
Social and behavioral sciences	18,898	20,297	20,260	19,840	19,198	18,873	18,167	17,844	17,946
Psychology	4,553	4,871	5,056	5,134	4,909	4,979	4,971	4,922	5,015
Social sciences	14,345	15,426	15,204	14,706	14,289	13,894	13,196	12,922	12,931
Anthropology	356	377	331	375	365	378	323	324	280
Area and ethnic studies	644	634	634	561	615	595	536	506	460
Economics	1,499	1,584	1,444	1,429	1,346	1,329	1,304	1,297	1,304
History of science	26	16	16	7	9	15	16	12	15
Linguistics	188	231	224	225	193	193	182	171	169
Political science and public administration	9,185	9,823	9,881	9,604	9,379	9,138	8,605	8,408	8,524
Sociology	502	566	500	471	436	442	432	455	402
Other social sciences	1,945	2,195	2,174	2,034	1,946	1,804	1,798	1,749	1,777
Non-S&E	187,942	193,020	188,715	185,985	182,239	183,101	182,697	183,894	185,675
Hispanic or Latino									
All fields	16,644	18,045	18,937	20,197	20,943	22,444	23,579	25,016	27,095
S&E	3,946	4,382	4,770	5,081	5,384	5,713	6,059	6,508	7,062
Engineering	1,278	1,465	1,537	1,634	1,735	1,641	1,807	1,868	2,030
Aerospace	54	58	65	63	72	62	95	98	109
Chemical	34	33	49	49	67	51	58	58	62
Civil	215	253	288	310	313	304	300	301	337
Electrical	330	317	296	335	330	326	364	370	403
Industrial	215	280	254	303	277	276	283	285	281
Materials	22	17	35	28	34	22	39	31	46
Mechanical	188	236	246	242	275	287	337	340	350
Other	220	271	304	304	367	313	331	385	442
Science	2,668	2,917	3,233	3,447	3,649	4,072	4,252	4,640	5,032
Natural sciences	1,120	1,259	1,421	1,530	1,682	1,910	2,045	2,378	2,704

Table SHED-6

Master's degrees awarded, by sex, citizenship, race, ethnicity, and field: 2011–19

(Number)

Sex, citizenship, race, ethnicity, and field	2011	2012	2013	2014	2015	2016	2017	2018	2019
Agricultural sciences	117	125	115	115	122	161	149	175	198
Biological sciences	226	263	312	369	374	510	569	592	655
Earth, atmospheric, and ocean sciences	42	46	43	54	47	56	63	75	73
Atmospheric sciences	3	5	4	8	5	6	6	5	6
Earth sciences	36	40	37	46	42	45	56	68	66
Oceanography	3	1	2	0	0	5	1	2	1
Mathematics and computer sciences	624	735	816	866	986	1,023	1,107	1,347	1,534
Computer sciences	481	585	626	685	783	826	902	1,081	1,208
Mathematics and statistics	143	150	190	181	203	197	205	266	326
Physical sciences	111	90	135	126	153	160	157	189	244
Astronomy	4	2	4	5	4	6	3	5	15
Chemistry	56	36	57	59	68	78	85	85	103
Physics	48	50	71	58	81	76	66	95	123
Other physical sciences	3	2	3	4	0	0	3	4	3
Social and behavioral sciences	1,548	1,658	1,812	1,917	1,967	2,162	2,207	2,262	2,328
Psychology	432	404	528	512	556	608	630	675	748
Social sciences	1,116	1,254	1,284	1,405	1,411	1,554	1,577	1,587	1,580
Anthropology	31	32	35	28	34	28	36	41	40
Area and ethnic studies	72	85	79	94	88	130	94	105	78
Economics	82	100	113	91	98	109	117	114	106
History of science	1	0	1	0	1	1	0	1	1
Linguistics	10	18	21	18	19	18	22	18	21
Political science and public administration	736	800	822	960	937	1,020	1,028	1,058	1,080
Sociology	65	76	60	72	54	84	70	73	78
Other social sciences	119	143	153	142	180	164	210	177	176
Non-S&E	12,698	13,663	14,167	15,116	15,559	16,731	17,520	18,508	20,033
Not Hispanic or Latino									
All fields	227,859	236,064	231,991	228,030	222,796	222,657	221,932	223,229	225,607
S&E	52,615	56,707	57,443	57,161	56,116	56,287	56,755	57,843	59,965
Engineering	17,355	18,599	18,260	18,151	17,227	17,209	17,100	17,469	17,552
Aerospace	782	877	772	763	777	812	893	862	916
Chemical	563	633	576	651	658	649	682	727	680
Civil	2,908	3,108	3,027	2,941	2,552	2,457	2,270	2,334	2,217
Electrical	3,985	4,019	3,916	3,718	3,575	3,481	3,518	3,491	3,593
Industrial	1,855	2,013	2,071	2,079	1,807	1,948	1,898	1,951	1,858
Materials	333	345	366	378	364	463	401	459	438

Table SHED-6

Master's degrees awarded, by sex, citizenship, race, ethnicity, and field: 2011–19

(Number)

Sex, citizenship, race, ethnicity, and field	2011	2012	2013	2014	2015	2016	2017	2018	2019
Mechanical	3,023	3,119	3,013	3,008	3,038	2,893	2,927	3,052	3,170
Other	3,906	4,485	4,519	4,613	4,456	4,506	4,511	4,593	4,680
Science	35,260	38,108	39,183	39,010	38,889	39,078	39,655	40,374	42,413
Natural sciences	17,910	19,469	20,735	21,087	21,658	22,367	23,695	24,792	26,795
Agricultural sciences	1,960	2,250	2,134	2,158	2,093	2,068	2,098	2,093	2,168
Biological sciences	3,764	4,078	4,465	4,671	4,805	5,096	5,200	5,310	5,604
Earth, atmospheric, and ocean sciences	832	936	957	1,013	1,002	933	962	921	923
Atmospheric sciences	120	123	125	119	135	115	103	112	90
Earth sciences	665	754	765	842	816	770	802	756	784
Oceanography	47	59	67	52	51	48	57	53	49
Mathematics and computer sciences	9,573	10,302	11,213	11,397	11,858	12,373	13,590	14,523	16,174
Computer sciences	7,377	8,000	8,796	9,056	9,385	9,820	11,018	11,562	12,805
Mathematics and statistics	2,196	2,302	2,417	2,341	2,473	2,553	2,572	2,961	3,369
Physical sciences	1,781	1,903	1,966	1,848	1,900	1,897	1,845	1,945	1,926
Astronomy	77	63	66	66	71	66	70	65	86
Chemistry	753	874	814	770	843	840	875	832	859
Physics	868	883	1,031	946	921	947	833	1,007	931
Other physical sciences	83	83	55	66	65	44	67	41	50
Social and behavioral sciences	17,350	18,639	18,448	17,923	17,231	16,711	15,960	15,582	15,618
Psychology	4,121	4,467	4,528	4,622	4,353	4,371	4,341	4,247	4,267
Social sciences	13,229	14,172	13,920	13,301	12,878	12,340	11,619	11,335	11,351
Anthropology	325	345	296	347	331	350	287	283	240
Area and ethnic studies	572	549	555	467	527	465	442	401	382
Economics	1,417	1,484	1,331	1,338	1,248	1,220	1,187	1,183	1,198
History of science	25	16	15	7	8	14	16	11	14
Linguistics	178	213	203	207	174	175	160	153	148
Political science and public administration	8,449	9,023	9,059	8,644	8,442	8,118	7,577	7,350	7,444
Sociology	437	490	440	399	382	358	362	382	324
Other social sciences	1,826	2,052	2,021	1,892	1,766	1,640	1,588	1,572	1,601
Non-S&E	175,244	179,357	174,548	170,869	166,680	166,370	165,177	165,386	165,642
American Indian or Alaska Native									
All fields	1,242	1,148	1,149	1,098	1,110	1,120	1,057	996	1,018
S&E	278	263	243	245	237	248	268	221	227
Engineering	63	63	56	44	41	59	53	52	39
Aerospace	3	1	6	3	3	1	2	3	2
Chemical	1	1	1	0	2	3	4	2	2

Table SHED-6

Master's degrees awarded, by sex, citizenship, race, ethnicity, and field: 2011–19

(Number)

Sex, citizenship, race, ethnicity, and field	2011	2012	2013	2014	2015	2016	2017	2018	2019
Civil	12	11	11	8	5	7	3	8	3
Electrical	8	13	9	6	6	14	10	8	9
Industrial	12	10	9	6	7	11	9	9	6
Materials	0	1	1	0	1	0	0	0	2
Mechanical	12	10	8	6	4	10	8	7	6
Other	15	16	11	15	13	13	17	15	9
Science	215	200	187	201	196	189	215	169	188
Natural sciences	94	90	82	84	87	85	90	65	87
Agricultural sciences	13	17	10	12	14	15	9	14	11
Biological sciences	18	16	18	21	21	12	18	8	26
Earth, atmospheric, and ocean sciences	10	8	10	4	3	5	4	0	3
Atmospheric sciences	1	0	2	0	0	0	1	0	0
Earth sciences	8	8	7	3	3	5	3	0	3
Oceanography	1	0	1	1	0	0	0	0	0
Mathematics and computer sciences	44	42	37	38	45	42	53	36	44
Computer sciences	37	34	31	34	40	37	50	32	38
Mathematics and statistics	7	8	6	4	5	5	3	4	6
Physical sciences	9	7	7	9	4	11	6	7	3
Astronomy	0	0	0	0	0	0	0	0	0
Chemistry	4	4	3	7	3	3	3	6	1
Physics	3	2	4	2	1	7	3	1	2
Other physical sciences	2	1	0	0	0	1	0	0	0
Social and behavioral sciences	121	110	105	117	109	104	125	104	101
Psychology	27	20	23	35	26	36	30	23	26
Social sciences	94	90	82	82	83	68	95	81	75
Anthropology	8	5	4	3	1	6	7	4	3
Area and ethnic studies	8	10	8	5	14	7	21	21	22
Economics	4	3	4	1	1	3	2	3	2
History of science	0	0	0	1	0	0	0	0	0
Linguistics	3	2	2	2	1	2	0	1	2
Political science and public administration	56	48	48	55	54	42	55	43	37
Sociology	3	5	2	3	4	1	3	3	2
Other social sciences	12	17	14	12	8	7	7	6	7
Non-S&E	964	885	906	853	873	872	789	775	791
Asian									
All fields	17,132	17,840	17,702	17,341	17,207	17,760	18,559	19,180	19,809

Table SHED-6

Master's degrees awarded, by sex, citizenship, race, ethnicity, and field: 2011–19

(Number)

Sex, citizenship, race, ethnicity, and field	2011	2012	2013	2014	2015	2016	2017	2018	2019
S&E	5,814	5,964	6,224	6,018	6,146	6,458	7,270	7,207	7,772
Engineering	2,783	2,776	2,798	2,569	2,446	2,526	2,621	2,600	2,761
Aerospace	95	108	96	90	84	90	92	121	116
Chemical	106	113	100	115	112	139	122	109	131
Civil	307	355	334	312	278	278	244	265	262
Electrical	1,039	949	1,007	791	780	808	803	806	824
Industrial	246	228	263	234	200	190	207	211	211
Materials	45	44	62	62	65	66	74	63	59
Mechanical	380	364	352	357	377	378	401	374	469
Other	565	615	584	608	550	577	678	651	689
Science	3,031	3,188	3,426	3,449	3,700	3,932	4,649	4,607	5,011
Natural sciences	2,203	2,219	2,520	2,548	2,789	3,118	3,693	3,719	4,085
Agricultural sciences	77	81	64	76	63	56	69	78	91
Biological sciences	569	621	694	717	796	791	854	895	1,004
Earth, atmospheric, and ocean sciences	19	16	22	25	24	19	22	29	31
Atmospheric sciences	4	3	4	1	2	2	1	6	2
Earth sciences	13	13	14	22	21	15	19	23	29
Oceanography	2	0	4	2	1	2	2	0	0
Mathematics and computer sciences	1,370	1,348	1,559	1,573	1,745	2,084	2,574	2,546	2,780
Computer sciences	1,071	1,068	1,223	1,259	1,427	1,750	2,205	2,098	2,256
Mathematics and statistics	299	280	336	314	318	334	369	448	524
Physical sciences	168	153	181	157	161	168	174	171	179
Astronomy	3	3	5	7	4	4	4	3	7
Chemistry	99	91	101	97	102	89	97	97	104
Physics	58	57	75	53	51	75	71	67	67
Other physical sciences	8	2	0	0	4	0	2	4	1
Social and behavioral sciences	828	969	906	901	911	814	956	888	926
Psychology	170	215	196	201	210	186	214	234	224
Social sciences	658	754	710	700	701	628	742	654	702
Anthropology	9	5	10	12	10	15	8	5	8
Area and ethnic studies	46	38	33	26	17	26	45	28	35
Economics	115	160	119	114	122	119	134	109	112
History of science	0	1	0	1	0	0	0	1	0
Linguistics	11	8	8	18	7	13	9	7	7
Political science and public administration	382	429	433	443	449	370	452	407	431
Sociology	32	33	29	18	20	18	20	20	14

Table SHED-6

Master's degrees awarded, by sex, citizenship, race, ethnicity, and field: 2011–19

(Number)

Sex, citizenship, race, ethnicity, and field	2011	2012	2013	2014	2015	2016	2017	2018	2019
Other social sciences	63	80	78	68	76	67	74	77	95
Non-S&E	11,318	11,876	11,478	11,323	11,061	11,302	11,289	11,973	12,037
Black or African American									
All fields	20,810	22,177	23,662	23,954	23,838	24,612	24,830	25,469	25,525
S&E	3,863	4,204	4,607	4,803	4,824	4,904	5,010	5,227	5,359
Engineering	816	868	906	890	953	912	904	887	944
Aerospace	21	15	19	24	16	21	21	25	21
Chemical	27	34	47	35	44	37	30	33	32
Civil	97	122	121	124	116	106	119	94	111
Electrical	235	206	221	182	216	210	210	195	202
Industrial	139	135	143	162	161	170	163	167	160
Materials	9	11	13	9	15	20	13	16	27
Mechanical	78	93	79	89	90	85	80	99	104
Other	210	252	263	265	295	263	268	258	287
Science	3,047	3,336	3,701	3,913	3,871	3,992	4,106	4,340	4,415
Natural sciences	1,199	1,337	1,626	1,680	1,799	1,866	2,003	2,280	2,456
Agricultural sciences	77	67	73	79	87	80	93	93	93
Biological sciences	210	211	225	265	275	307	346	384	435
Earth, atmospheric, and ocean sciences	21	24	31	24	26	20	16	29	26
Atmospheric sciences	2	2	6	4	2	3	1	5	1
Earth sciences	19	22	23	20	24	17	15	23	23
Oceanography	0	0	2	0	0	0	0	1	2
Mathematics and computer sciences	825	946	1,228	1,255	1,346	1,390	1,475	1,700	1,834
Computer sciences	730	840	1,087	1,137	1,215	1,262	1,348	1,555	1,673
Mathematics and statistics	95	106	141	118	131	128	127	145	161
Physical sciences	66	89	69	57	65	69	73	74	68
Astronomy	0	1	1	1	1	0	0	1	0
Chemistry	32	58	30	35	36	45	40	40	38
Physics	31	24	34	18	26	23	29	30	29
Other physical sciences	3	6	4	3	2	1	4	3	1
Social and behavioral sciences	1,848	1,999	2,075	2,233	2,072	2,126	2,103	2,060	1,959
Psychology	455	531	511	550	507	557	581	576	552
Social sciences	1,393	1,468	1,564	1,683	1,565	1,569	1,522	1,484	1,407
Anthropology	7	11	8	10	5	7	11	5	9
Area and ethnic studies	51	45	41	34	56	46	51	49	44
Economics	78	76	90	83	77	74	65	79	84

Table SHED-6

Master's degrees awarded, by sex, citizenship, race, ethnicity, and field: 2011–19

(Number)

Sex, citizenship, race, ethnicity, and field	2011	2012	2013	2014	2015	2016	2017	2018	2019
History of science	0	0	0	1	0	2	1	0	2
Linguistics	5	4	7	7	3	4	5	1	3
Political science and public administration	1,024	1,114	1,140	1,273	1,161	1,188	1,142	1,124	1,052
Sociology	59	55	62	71	56	50	52	63	50
Other social sciences	169	163	216	204	207	198	195	163	163
Non-S&E	16,947	17,973	19,055	19,151	19,014	19,708	19,820	20,242	20,166
Native Hawaiian or Other Pacific Islander									
All fields	499	572	664	682	598	582	563	557	539
S&E	114	111	123	133	131	108	125	117	92
Engineering	16	29	26	28	27	20	27	22	15
Aerospace	0	2	0	0	0	0	1	1	1
Chemical	0	1	1	1	0	0	0	1	0
Civil	4	6	6	3	3	2	5	8	3
Electrical	4	2	6	4	9	7	4	3	1
Industrial	0	7	2	8	1	3	3	2	5
Materials	1	0	2	0	0	0	0	1	0
Mechanical	2	4	5	0	4	3	7	2	0
Other	5	7	4	12	10	5	7	4	5
Science	98	82	97	105	104	88	98	95	77
Natural sciences	40	30	43	43	47	38	49	41	41
Agricultural sciences	2	5	6	3	4	0	2	3	4
Biological sciences	10	9	11	10	12	7	9	7	5
Earth, atmospheric, and ocean sciences	3	0	1	1	1	1	0	2	1
Atmospheric sciences	1	0	0	0	0	0	0	0	0
Earth sciences	2	0	1	1	1	1	0	2	1
Oceanography	0	0	0	0	0	0	0	0	0
Mathematics and computer sciences	24	14	20	26	28	29	37	26	29
Computer sciences	21	10	20	24	25	25	33	24	26
Mathematics and statistics	3	4	0	2	3	4	4	2	3
Physical sciences	1	2	5	3	2	1	1	3	2
Astronomy	0	0	0	0	0	0	0	0	0
Chemistry	1	1	3	2	1	0	1	0	0
Physics	0	1	2	1	1	1	0	2	2
Other physical sciences	0	0	0	0	0	0	0	1	0
Social and behavioral sciences	58	52	54	62	57	50	49	54	36
Psychology	9	17	13	17	10	11	12	18	13

Table SHED-6

Master's degrees awarded, by sex, citizenship, race, ethnicity, and field: 2011–19

(Number)

Sex, citizenship, race, ethnicity, and field	2011	2012	2013	2014	2015	2016	2017	2018	2019
Social sciences	49	35	41	45	47	39	37	36	23
Anthropology	0	1	0	0	0	0	0	2	0
Area and ethnic studies	2	3	5	4	1	2	5	0	0
Economics	2	2	4	2	0	0	2	0	0
History of science	0	0	0	0	0	0	0	0	0
Linguistics	0	0	0	1	0	0	0	0	0
Political science and public administration	40	24	30	27	35	31	29	25	19
Sociology	0	0	0	2	0	2	1	2	0
Other social sciences	5	5	2	9	11	4	0	7	4
Non-S&E	385	461	541	549	467	474	438	440	447
White									
All fields	156,536	162,150	159,196	156,602	152,703	151,605	151,856	152,586	153,320
S&E	35,935	39,180	39,221	39,047	38,501	38,081	38,165	39,195	40,239
Engineering	11,781	12,990	12,434	12,466	11,988	11,827	11,826	12,259	12,190
Aerospace	597	705	596	599	620	641	696	640	712
Chemical	375	424	381	453	435	411	460	505	455
Civil	2,248	2,345	2,214	2,185	1,950	1,850	1,698	1,746	1,663
Electrical	2,257	2,422	2,259	2,157	2,154	2,018	2,138	2,155	2,176
Industrial	1,184	1,392	1,385	1,413	1,266	1,360	1,313	1,378	1,337
Materials	248	256	260	284	253	332	272	340	314
Mechanical	2,288	2,396	2,274	2,225	2,260	2,121	2,160	2,297	2,344
Other	2,584	3,050	3,065	3,150	3,050	3,094	3,089	3,198	3,189
Science	24,154	26,190	26,787	26,581	26,513	26,254	26,339	26,936	28,049
Natural sciences	12,068	13,355	14,032	14,221	14,514	14,797	15,362	16,257	17,353
Agricultural sciences	1,643	1,868	1,800	1,789	1,742	1,745	1,726	1,713	1,783
Biological sciences	2,516	2,809	3,077	3,182	3,195	3,432	3,484	3,560	3,643
Earth, atmospheric, and ocean sciences	716	818	819	869	872	812	838	785	784
Atmospheric sciences	108	112	105	103	117	101	93	94	75
Earth sciences	569	655	659	722	710	670	692	643	670
Oceanography	39	51	55	44	45	41	53	48	39
Mathematics and computer sciences	5,841	6,391	6,821	6,926	7,242	7,351	7,901	8,656	9,651
Computer sciences	4,301	4,750	5,155	5,238	5,488	5,546	6,125	6,578	7,381
Mathematics and statistics	1,540	1,641	1,666	1,688	1,754	1,805	1,776	2,078	2,270
Physical sciences	1,352	1,469	1,515	1,455	1,463	1,457	1,413	1,543	1,492
Astronomy	62	51	54	52	59	56	60	58	69
Chemistry	536	647	603	556	625	617	654	632	637

Table SHED-6

Master's degrees awarded, by sex, citizenship, race, ethnicity, and field: 2011–19

(Number)

Sex, citizenship, race, ethnicity, and field	2011	2012	2013	2014	2015	2016	2017	2018	2019
Physics	694	702	809	793	731	751	649	824	743
Other physical sciences	60	69	49	54	48	33	50	29	43
Social and behavioral sciences	12,086	12,835	12,755	12,360	11,999	11,457	10,977	10,679	10,696
Psychology	2,912	3,056	3,213	3,294	3,128	2,984	2,966	2,847	2,862
Social sciences	9,174	9,779	9,542	9,066	8,871	8,473	8,011	7,832	7,834
Anthropology	254	286	233	270	275	275	222	235	193
Area and ethnic studies	385	403	410	335	372	336	282	260	237
Economics	1,001	1,030	945	967	895	883	854	887	884
History of science	24	13	12	3	8	11	12	9	12
Linguistics	132	175	154	154	139	137	120	126	113
Political science and public administration	5,685	5,953	5,979	5,652	5,622	5,369	5,112	4,892	5,038
Sociology	296	343	300	271	258	252	258	256	226
Other social sciences	1,397	1,576	1,509	1,414	1,302	1,210	1,151	1,167	1,131
Non-S&E	120,601	122,970	119,975	117,555	114,202	113,524	113,691	113,391	113,081
More than one race									
All fields	2,296	3,120	4,050	4,420	4,937	5,604	5,951	6,173	6,956
S&E	653	919	1,210	1,362	1,464	1,706	1,810	1,918	2,225
Engineering	235	267	375	421	421	525	506	567	645
Aerospace	13	13	22	15	25	24	34	37	34
Chemical	10	14	9	10	21	15	16	28	27
Civil	35	55	70	73	60	71	81	69	74
Electrical	54	51	76	92	77	116	98	113	148
Industrial	34	25	44	40	35	45	38	51	51
Materials	5	7	11	11	12	19	13	19	17
Mechanical	31	39	58	83	70	98	103	91	112
Other	53	63	85	97	121	137	123	159	182
Science	418	652	835	941	1,043	1,181	1,304	1,351	1,580
Natural sciences	188	316	439	497	568	648	786	814	969
Agricultural sciences	19	36	40	55	55	42	80	57	71
Biological sciences	54	66	115	133	146	166	194	178	210
Earth, atmospheric, and ocean sciences	4	10	24	26	17	28	22	36	37
Atmospheric sciences	0	2	3	0	4	2	1	4	4
Earth sciences	4	7	20	23	13	24	20	30	30
Oceanography	0	1	1	3	0	2	1	2	3
Mathematics and computer sciences	91	173	206	251	300	341	420	481	572
Computer sciences	70	133	154	207	236	274	338	395	425

Table SHED-6

Master's degrees awarded, by sex, citizenship, race, ethnicity, and field: 2011–19

(Number)

Sex, citizenship, race, ethnicity, and field	2011	2012	2013	2014	2015	2016	2017	2018	2019
Mathematics and statistics	21	40	52	44	64	67	82	86	147
Physical sciences	20	31	54	32	50	71	70	62	79
Astronomy	2	1	2	0	1	2	3	1	5
Chemistry	10	9	19	18	25	37	29	22	36
Physics	6	20	33	13	22	30	36	38	37
Other physical sciences	2	1	0	1	2	2	2	1	1
Social and behavioral sciences	230	336	396	444	475	533	518	537	611
Psychology	47	75	104	92	101	137	150	140	151
Social sciences	183	261	292	352	374	396	368	397	460
Anthropology	4	9	8	18	15	22	15	15	12
Area and ethnic studies	13	16	25	22	25	15	14	25	24
Economics	28	28	35	29	34	35	40	37	39
History of science	0	1	1	0	0	0	2	0	0
Linguistics	0	7	8	7	8	10	7	6	6
Political science and public administration	112	148	169	215	226	255	227	249	295
Sociology	6	12	11	18	21	15	15	12	21
Other social sciences	20	40	35	43	45	44	48	53	63
Non-S&E	1,643	2,201	2,840	3,058	3,473	3,898	4,141	4,255	4,731
Other or unknown race or ethnicity									
All fields	29,344	29,057	25,568	23,933	22,403	21,374	19,116	18,268	18,440
S&E	5,958	6,066	5,815	5,553	4,813	4,782	4,107	3,958	4,051
Engineering	1,661	1,606	1,665	1,733	1,351	1,340	1,163	1,082	958
Aerospace	53	33	33	32	29	35	47	35	30
Chemical	44	46	37	37	44	44	50	49	33
Civil	205	214	271	236	140	143	120	144	101
Electrical	388	376	338	486	333	308	255	211	233
Industrial	240	216	225	216	137	169	165	133	88
Materials	25	26	17	12	18	26	29	20	19
Mechanical	232	213	237	248	233	198	168	182	135
Other	474	482	507	466	417	417	329	308	319
Science	4,297	4,460	4,150	3,820	3,462	3,442	2,944	2,876	3,093
Natural sciences	2,118	2,122	1,993	2,014	1,854	1,815	1,712	1,616	1,804
Agricultural sciences	129	176	141	144	128	130	119	135	115
Biological sciences	387	346	325	343	360	381	295	278	281
Earth, atmospheric, and ocean sciences	59	60	50	64	59	48	60	40	41
Atmospheric sciences	4	4	5	11	10	7	6	3	8

Table SHED-6

Master's degrees awarded, by sex, citizenship, race, ethnicity, and field: 2011–19

(Number)

Sex, citizenship, race, ethnicity, and field	2011	2012	2013	2014	2015	2016	2017	2018	2019
Earth sciences	50	49	41	51	44	38	53	35	28
Oceanography	5	7	4	2	5	3	1	2	5
Mathematics and computer sciences	1,378	1,388	1,342	1,328	1,152	1,136	1,130	1,078	1,264
Computer sciences	1,147	1,165	1,126	1,157	954	926	919	880	1,006
Mathematics and statistics	231	223	216	171	198	210	211	198	258
Physical sciences	165	152	135	135	155	120	108	85	103
Astronomy	10	7	4	6	6	4	3	2	5
Chemistry	71	64	55	55	51	49	51	35	43
Physics	76	77	74	66	89	60	45	45	51
Other physical sciences	8	4	2	8	9	7	9	3	4
Social and behavioral sciences	2,179	2,338	2,157	1,806	1,608	1,627	1,232	1,260	1,289
Psychology	501	553	468	433	371	460	388	409	439
Social sciences	1,678	1,785	1,689	1,373	1,237	1,167	844	851	850
Anthropology	43	28	33	34	25	25	24	17	15
Area and ethnic studies	67	34	33	41	42	33	24	18	20
Economics	189	185	134	142	119	106	90	68	77
History of science	1	1	2	1	0	1	1	1	0
Linguistics	27	17	24	18	16	9	19	12	17
Political science and public administration	1,150	1,307	1,260	979	895	863	560	610	572
Sociology	41	42	36	16	23	20	13	26	11
Other social sciences	160	171	167	142	117	110	113	99	138
Non-S&E	23,386	22,991	19,753	18,380	17,590	16,592	15,009	14,310	14,389
Temporary visa holder									
All fields	48,798	49,693	52,302	56,329	64,544	77,212	83,140	80,363	75,379
S&E	25,890	26,770	27,833	30,215	37,782	48,442	53,512	50,944	46,508
Engineering	13,310	13,212	13,294	14,589	17,963	22,527	23,946	22,212	19,525
Aerospace	274	282	239	278	291	324	348	391	317
Chemical	638	650	694	775	878	908	917	942	879
Civil	1,143	1,190	1,188	1,444	1,742	2,033	2,335	2,335	2,189
Electrical	5,749	5,792	5,780	6,215	8,113	10,380	9,723	8,304	7,232
Industrial	1,668	1,614	1,601	1,712	1,986	2,719	3,726	3,427	2,643
Materials	295	307	363	416	420	436	505	543	517
Mechanical	1,939	1,871	1,901	2,075	2,566	3,358	3,911	3,733	3,136
Other	1,604	1,506	1,528	1,674	1,967	2,369	2,481	2,537	2,612
Science	12,580	13,558	14,539	15,626	19,819	25,915	29,566	28,732	26,983
Natural sciences	9,658	10,536	11,331	12,215	16,425	22,409	25,921	25,139	23,286

Table SHED-6

Master's degrees awarded, by sex, citizenship, race, ethnicity, and field: 2011–19

(Number)

Sex, citizenship, race, ethnicity, and field	2011	2012	2013	2014	2015	2016	2017	2018	2019
Agricultural sciences	322	315	335	349	349	374	413	452	444
Biological sciences	792	894	848	873	865	904	939	962	915
Earth, atmospheric, and ocean sciences	120	192	178	214	208	221	212	185	172
Atmospheric sciences	12	19	13	25	23	23	23	30	22
Earth sciences	96	166	159	175	173	181	177	143	137
Oceanography	12	7	6	14	12	17	12	12	13
Mathematics and computer sciences	7,500	8,108	8,960	9,824	13,990	19,925	23,328	22,505	20,840
Computer sciences	6,153	6,587	7,148	7,806	11,777	17,193	20,301	18,809	16,718
Mathematics and statistics	1,347	1,521	1,812	2,018	2,213	2,732	3,027	3,696	4,122
Physical sciences	924	1,027	1,010	955	1,013	985	1,029	1,035	915
Astronomy	34	12	24	23	19	11	26	25	33
Chemistry	434	451	477	480	471	450	460	426	349
Physics	451	537	481	433	496	503	512	559	496
Other physical sciences	5	27	28	19	27	21	31	25	37
Social and behavioral sciences	2,922	3,022	3,208	3,411	3,394	3,506	3,645	3,593	3,697
Psychology	166	174	232	193	194	206	209	199	211
Social sciences	2,756	2,848	2,976	3,218	3,200	3,300	3,436	3,394	3,486
Anthropology	38	42	45	41	46	40	42	33	39
Area and ethnic studies	102	94	90	93	94	109	108	100	92
Economics	946	1,012	1,070	1,260	1,287	1,245	1,335	1,304	1,391
History of science	4	3	3	2	2	2	0	3	1
Linguistics	41	50	66	62	62	86	78	59	66
Political science and public administration	1,395	1,356	1,475	1,511	1,471	1,546	1,579	1,550	1,544
Sociology	65	67	45	66	59	76	62	72	84
Other social sciences	165	224	182	183	179	196	232	273	269
Non-S&E	22,908	22,923	24,469	26,114	26,762	28,770	29,628	29,419	28,871
Female									
All citizenships, races, and ethnicity									
All fields	443,154	455,736	453,745	455,240	455,697	468,924	481,457	497,013	511,482
S&E	68,202	73,513	76,351	78,771	81,673	87,850	89,846	93,132	96,031
Engineering	9,339	9,899	10,297	10,988	12,282	13,789	14,118	14,433	13,968
Aerospace	196	191	190	207	178	240	244	269	288
Chemical	506	595	613	617	675	698	784	815	700
Civil	1,649	1,854	1,983	1,996	1,966	2,127	2,088	2,282	2,248
Electrical	2,481	2,514	2,481	2,844	3,745	4,546	4,373	4,034	3,695
Industrial	1,345	1,439	1,401	1,511	1,561	1,687	1,852	2,057	1,840

Table SHED-6

Master's degrees awarded, by sex, citizenship, race, ethnicity, and field: 2011–19

(Number)

Sex, citizenship, race, ethnicity, and field	2011	2012	2013	2014	2015	2016	2017	2018	2019
Materials	244	321	335	348	346	387	426	414	438
Mechanical	788	751	831	960	1,075	1,127	1,211	1,145	1,254
Other	2,130	2,234	2,463	2,505	2,736	2,977	3,140	3,417	3,505
Science	58,863	63,614	66,054	67,783	69,391	74,061	75,728	78,699	82,063
Natural sciences	19,658	21,349	22,386	24,076	27,174	31,197	34,559	37,041	38,315
Agricultural sciences	2,749	3,153	3,173	3,294	3,228	3,440	3,459	3,724	3,944
Biological sciences	6,432	7,078	7,423	7,818	8,326	8,860	9,545	10,358	10,880
Earth, atmospheric, and ocean sciences	795	875	902	916	955	923	945	878	925
Atmospheric sciences	86	93	91	111	90	76	104	91	99
Earth sciences	632	696	744	719	781	764	745	701	745
Oceanography	77	86	67	86	84	83	96	86	81
Mathematics and computer sciences	8,025	8,554	9,190	10,332	12,987	16,280	18,884	20,326	20,845
Computer sciences	5,508	5,843	6,263	7,088	9,607	12,372	14,394	15,096	15,023
Mathematics and statistics	2,517	2,711	2,927	3,244	3,380	3,908	4,490	5,230	5,822
Physical sciences	1,657	1,689	1,698	1,716	1,678	1,694	1,726	1,755	1,721
Astronomy	70	50	76	66	62	57	70	50	91
Chemistry	1,081	1,132	1,130	1,122	1,109	1,145	1,137	1,116	1,104
Physics	404	409	401	439	436	433	441	495	421
Other physical sciences	102	98	91	89	71	59	78	94	105
Social and behavioral sciences	39,205	42,265	43,668	43,707	42,217	42,864	41,169	41,658	43,748
Psychology	17,644	19,076	19,852	20,005	18,926	19,856	19,473	20,007	21,162
Social sciences	21,561	23,189	23,816	23,702	23,291	23,008	21,696	21,651	22,586
Anthropology	849	860	819	900	847	786	798	870	805
Area and ethnic studies	1,134	1,129	1,150	1,137	1,149	1,136	1,079	1,029	962
Economics	1,728	1,735	1,773	1,852	1,799	1,804	1,896	1,841	2,064
History of science	14	18	14	19	15	18	16	15	18
Linguistics	482	508	492	441	524	499	427	448	427
Political science and public administration	13,548	14,912	15,406	15,206	14,936	14,817	13,197	13,140	13,840
Sociology	1,073	1,177	1,107	1,124	986	901	948	943	1,018
Other social sciences	2,733	2,850	3,055	3,023	3,035	3,047	3,335	3,365	3,452
Non-S&E	374,952	382,223	377,394	376,469	374,024	381,074	391,611	403,881	415,451
U.S. citizen or permanent resident									
All fields	406,035	416,202	411,558	407,741	403,093	410,150	419,117	432,292	448,708
S&E	54,877	59,341	60,923	61,642	60,731	62,355	61,872	64,066	67,913
Engineering	5,262	5,527	5,672	5,686	5,785	5,892	6,051	6,408	6,769
Aerospace	138	144	142	165	134	166	159	168	202

Table SHED-6

Master's degrees awarded, by sex, citizenship, race, ethnicity, and field: 2011–19

(Number)

Sex, citizenship, race, ethnicity, and field	2011	2012	2013	2014	2015	2016	2017	2018	2019
All fields	29,950	32,353	33,867	35,810	37,676	40,619	43,774	47,614	51,820
S&E	4,465	5,067	5,391	5,812	6,008	6,617	7,033	7,517	8,294
Engineering	431	520	538	575	555	573	619	684	731
Aerospace	7	10	16	15	16	12	18	17	12
Chemical	19	25	13	16	29	28	36	23	25
Civil	103	152	137	157	132	141	152	127	174
Electrical	43	46	38	45	61	63	56	54	75
Industrial	112	126	140	142	120	102	140	149	130
Materials	12	18	16	17	10	13	19	27	22
Mechanical	34	41	49	63	59	62	53	75	73
Other	101	102	129	120	128	152	145	212	220
Science	4,034	4,547	4,853	5,237	5,453	6,044	6,414	6,833	7,563
Natural sciences	855	1,000	1,001	1,137	1,238	1,453	1,602	1,814	2,141
Agricultural sciences	147	177	180	190	192	222	233	245	279
Biological sciences	355	414	442	503	542	655	772	855	1,039
Earth, atmospheric, and ocean sciences	39	37	37	43	57	57	55	67	71
Atmospheric sciences	6	4	4	7	7	2	1	7	2
Earth sciences	30	32	31	31	44	48	49	55	64
Oceanography	3	1	2	5	6	7	5	5	5
Mathematics and computer sciences	251	308	290	330	368	436	447	541	638
Computer sciences	178	225	189	236	273	334	329	391	478
Mathematics and statistics	73	83	101	94	95	102	118	150	160
Physical sciences	63	64	52	71	79	83	95	106	114
Astronomy	2	2	1	0	1	4	4	2	5
Chemistry	51	46	42	57	55	57	64	84	77
Physics	6	15	6	13	19	16	23	16	23
Other physical sciences	4	1	3	1	4	6	4	4	9
Social and behavioral sciences	3,179	3,547	3,852	4,100	4,215	4,591	4,812	5,019	5,422
Psychology	1,619	1,743	2,019	2,054	2,108	2,455	2,527	2,666	2,893
Social sciences	1,560	1,804	1,833	2,046	2,107	2,136	2,285	2,353	2,529
Anthropology	58	49	73	57	64	73	74	79	79
Area and ethnic studies	115	140	136	156	160	228	174	168	138
Economics	70	61	47	55	66	64	61	51	79
History of science	0	3	1	1	1	0	0	0	1
Linguistics	32	40	35	41	31	41	33	42	42
Political science and public administration	970	1,165	1,197	1,348	1,368	1,336	1,445	1,465	1,656

Table SHED-6

Master's degrees awarded, by sex, citizenship, race, ethnicity, and field: 2011–19

(Number)

Sex, citizenship, race, ethnicity, and field	2011	2012	2013	2014	2015	2016	2017	2018	2019
Sociology	101	125	117	137	138	113	127	152	150
Other social sciences	214	221	227	251	279	281	371	396	384
Non-S&E	25,485	27,286	28,476	29,998	31,668	34,002	36,741	40,097	43,526
Not Hispanic or Latino									
All fields	376,085	383,849	377,691	371,931	365,417	369,531	375,343	384,678	396,888
S&E	50,412	54,274	55,532	55,830	54,723	55,738	54,839	56,549	59,619
Engineering	4,831	5,007	5,134	5,111	5,230	5,319	5,432	5,724	6,038
Aerospace	131	134	126	150	118	154	141	151	190
Chemical	214	225	237	233	261	256	312	305	249
Civil	1,070	1,144	1,206	1,175	1,080	1,133	1,049	1,108	1,145
Electrical	797	707	687	740	690	731	679	646	735
Industrial	657	695	664	664	692	620	640	771	766
Materials	121	156	161	152	151	159	186	171	210
Mechanical	483	434	494	512	578	555	622	584	676
Other	1,358	1,512	1,559	1,485	1,660	1,711	1,803	1,988	2,067
Science	45,581	49,267	50,398	50,719	49,493	50,419	49,407	50,825	53,581
Natural sciences	13,056	14,133	14,705	15,383	15,809	16,671	17,650	18,911	20,275
Agricultural sciences	2,290	2,609	2,589	2,651	2,592	2,712	2,718	2,897	3,069
Biological sciences	4,968	5,510	5,784	6,043	6,322	6,800	7,231	7,881	8,243
Earth, atmospheric, and ocean sciences	650	714	726	744	758	734	720	698	739
Atmospheric sciences	71	69	68	85	57	53	73	66	75
Earth sciences	511	570	601	583	628	608	567	555	596
Oceanography	68	75	57	76	73	73	80	77	68
Mathematics and computer sciences	4,103	4,266	4,526	4,908	5,164	5,434	5,948	6,404	7,158
Computer sciences	2,750	2,840	3,114	3,432	3,758	3,920	4,293	4,697	5,308
Mathematics and statistics	1,353	1,426	1,412	1,476	1,406	1,514	1,655	1,707	1,850
Physical sciences	1,045	1,034	1,080	1,037	973	991	1,033	1,031	1,066
Astronomy	51	37	66	48	46	39	55	38	68
Chemistry	672	671	691	669	649	681	681	671	699
Physics	237	243	249	250	223	233	236	253	225
Other physical sciences	85	83	74	70	55	38	61	69	74
Social and behavioral sciences	32,525	35,134	35,693	35,336	33,684	33,748	31,757	31,914	33,306
Psychology	15,477	16,723	17,137	17,303	16,192	16,620	16,219	16,570	17,480
Social sciences	17,048	18,411	18,556	18,033	17,492	17,128	15,538	15,344	15,826
Anthropology	744	758	685	783	720	654	652	710	643
Area and ethnic studies	860	830	812	763	789	692	713	672	639

Table SHED-6

Master's degrees awarded, by sex, citizenship, race, ethnicity, and field: 2011–19

(Number)

Sex, citizenship, race, ethnicity, and field	2011	2012	2013	2014	2015	2016	2017	2018	2019
Economics	756	814	703	704	681	671	673	614	685
History of science	13	13	9	13	12	17	14	9	12
Linguistics	316	326	335	283	313	330	257	286	271
Political science and public administration	11,183	12,322	12,577	12,092	11,762	11,612	9,915	9,808	10,194
Sociology	873	947	864	884	744	687	728	679	740
Other social sciences	2,303	2,401	2,571	2,511	2,471	2,465	2,586	2,566	2,642
Non-S&E	325,673	329,575	322,159	316,101	310,694	313,793	320,504	328,129	337,269
American Indian or Alaska Native									
All fields	2,265	2,134	2,201	2,090	2,006	2,124	2,085	2,088	2,193
S&E	306	340	354	344	311	335	350	352	326
Engineering	15	29	23	11	18	21	24	18	28
Aerospace	0	0	0	0	0	1	1	1	3
Chemical	1	1	0	0	1	0	2	0	2
Civil	4	6	3	4	4	6	2	5	6
Electrical	2	2	2	0	2	2	4	1	0
Industrial	3	10	4	4	4	1	6	2	5
Materials	0	2	2	0	1	0	0	0	0
Mechanical	1	3	2	2	1	1	1	1	2
Other	4	5	10	1	5	10	8	8	10
Science	291	311	331	333	293	314	326	334	298
Natural sciences	67	83	78	62	71	59	76	69	83
Agricultural sciences	21	17	26	8	26	11	24	21	24
Biological sciences	22	32	21	28	22	12	25	25	32
Earth, atmospheric, and ocean sciences	3	9	5	0	3	7	3	2	5
Atmospheric sciences	1	0	0	0	0	0	0	0	0
Earth sciences	2	8	5	0	3	7	3	2	5
Oceanography	0	1	0	0	0	0	0	0	0
Mathematics and computer sciences	18	21	17	23	17	26	24	19	15
Computer sciences	11	18	14	22	13	22	22	17	13
Mathematics and statistics	7	3	3	1	4	4	2	2	2
Physical sciences	3	4	9	3	3	3	0	2	7
Astronomy	2	0	1	0	0	1	0	1	0
Chemistry	1	2	7	0	1	0	0	1	4
Physics	0	2	1	2	2	2	0	0	2
Other physical sciences	0	0	0	1	0	0	0	0	1
Social and behavioral sciences	224	228	253	271	222	255	250	265	215

Table SHED-6

Master's degrees awarded, by sex, citizenship, race, ethnicity, and field: 2011–19

(Number)

Sex, citizenship, race, ethnicity, and field	2011	2012	2013	2014	2015	2016	2017	2018	2019
Psychology	89	92	117	119	93	96	99	108	98
Social sciences	135	136	136	152	129	159	151	157	117
Anthropology	6	9	8	10	4	4	10	6	6
Area and ethnic studies	15	19	20	17	22	35	45	43	34
Economics	4	1	4	3	1	3	1	3	2
History of science	0	0	0	1	1	0	0	0	0
Linguistics	4	3	4	4	1	7	4	0	1
Political science and public administration	81	86	86	106	88	95	74	90	57
Sociology	5	10	5	3	3	3	4	3	2
Other social sciences	20	8	9	8	9	12	13	12	15
Non-S&E	1,959	1,794	1,847	1,746	1,695	1,789	1,735	1,736	1,867
Asian									
All fields	20,341	21,161	21,248	21,459	21,981	22,868	24,256	25,886	27,358
S&E	4,533	4,575	4,768	4,767	4,830	5,185	5,567	5,820	6,188
Engineering	1,159	1,016	1,069	1,005	1,023	1,073	1,040	1,091	1,176
Aerospace	14	18	15	20	14	18	15	26	32
Chemical	47	51	53	56	62	68	73	69	55
Civil	174	156	167	166	128	147	127	170	179
Electrical	391	315	319	298	303	316	259	232	282
Industrial	116	102	113	91	90	82	102	118	119
Materials	28	23	40	36	29	33	34	35	44
Mechanical	86	64	81	75	98	93	104	100	122
Other	303	287	281	263	299	316	326	341	343
Science	3,374	3,559	3,699	3,762	3,807	4,112	4,527	4,729	5,012
Natural sciences	1,709	1,777	1,870	2,005	2,152	2,389	2,733	2,914	3,115
Agricultural sciences	122	137	120	109	103	105	115	119	107
Biological sciences	675	795	860	906	927	998	1,084	1,209	1,241
Earth, atmospheric, and ocean sciences	18	23	19	17	29	39	21	31	34
Atmospheric sciences	2	2	1	3	3	2	1	4	2
Earth sciences	14	21	13	12	24	33	17	24	30
Oceanography	2	0	5	2	2	4	3	3	2
Mathematics and computer sciences	758	722	738	852	982	1,111	1,384	1,421	1,611
Computer sciences	547	499	515	622	747	849	1,045	1,079	1,235
Mathematics and statistics	211	223	223	230	235	262	339	342	376
Physical sciences	136	100	133	121	111	136	129	134	122
Astronomy	5	3	9	2	6	5	5	5	9

Table SHED-6

Master's degrees awarded, by sex, citizenship, race, ethnicity, and field: 2011–19

(Number)

Sex, citizenship, race, ethnicity, and field	2011	2012	2013	2014	2015	2016	2017	2018	2019
Chemistry	107	80	101	98	81	109	87	99	88
Physics	22	15	18	18	22	19	30	28	20
Other physical sciences	2	2	5	3	2	3	7	2	5
Social and behavioral sciences	1,665	1,782	1,829	1,757	1,655	1,723	1,794	1,815	1,897
Psychology	583	659	712	684	623	697	689	780	859
Social sciences	1,082	1,123	1,117	1,073	1,032	1,026	1,105	1,035	1,038
Anthropology	34	33	17	26	29	30	18	35	17
Area and ethnic studies	54	62	75	70	71	55	72	48	51
Economics	104	112	111	97	109	81	85	99	92
History of science	1	1	1	1	2	0	1	0	2
Linguistics	27	33	36	27	20	36	22	27	33
Political science and public administration	695	706	707	695	655	671	702	625	651
Sociology	54	51	52	40	41	30	59	38	48
Other social sciences	113	125	118	117	105	123	146	163	144
Non-S&E	15,808	16,586	16,480	16,692	17,151	17,683	18,689	20,066	21,170
Black or African American									
All fields	50,583	53,754	55,956	56,622	55,842	56,770	58,078	59,368	61,088
S&E	7,098	7,859	8,505	8,477	8,415	8,430	8,150	8,587	8,936
Engineering	364	377	349	338	370	357	343	381	393
Aerospace	4	3	3	5	2	5	5	5	10
Chemical	15	14	19	15	18	15	22	16	18
Civil	55	47	56	37	32	72	41	43	49
Electrical	56	48	30	53	42	55	34	41	46
Industrial	93	95	90	77	95	71	72	77	90
Materials	5	8	4	12	6	11	9	8	7
Mechanical	26	23	21	15	25	21	26	24	26
Other	110	139	126	124	150	107	134	167	147
Science	6,734	7,482	8,156	8,139	8,045	8,073	7,807	8,206	8,543
Natural sciences	1,123	1,315	1,482	1,460	1,538	1,626	1,813	1,964	2,295
Agricultural sciences	103	99	114	111	102	116	109	131	146
Biological sciences	389	462	527	520	572	625	728	825	968
Earth, atmospheric, and ocean sciences	8	14	14	15	19	10	20	17	18
Atmospheric sciences	2	2	0	2	2	0	3	0	1
Earth sciences	6	11	14	13	16	10	15	17	15
Oceanography	0	1	0	0	1	0	2	0	2
Mathematics and computer sciences	551	655	755	739	771	817	889	933	1,099

Table SHED-6

Master's degrees awarded, by sex, citizenship, race, ethnicity, and field: 2011–19

(Number)

Sex, citizenship, race, ethnicity, and field	2011	2012	2013	2014	2015	2016	2017	2018	2019
Computer sciences	482	580	689	664	698	736	804	844	973
Mathematics and statistics	69	75	66	75	73	81	85	89	126
Physical sciences	72	85	72	75	74	58	67	58	64
Astronomy	0	1	0	2	0	0	1	2	4
Chemistry	61	71	54	67	61	44	54	43	43
Physics	9	10	15	4	8	10	11	10	9
Other physical sciences	2	3	3	2	5	4	1	3	8
Social and behavioral sciences	5,611	6,167	6,674	6,679	6,507	6,447	5,994	6,242	6,248
Psychology	2,401	2,596	2,668	2,763	2,582	2,680	2,690	2,782	2,913
Social sciences	3,210	3,571	4,006	3,916	3,925	3,767	3,304	3,460	3,335
Anthropology	23	31	24	21	23	27	18	40	33
Area and ethnic studies	133	112	101	108	93	95	93	107	97
Economics	43	44	59	41	57	50	48	54	61
History of science	0	0	1	1	1	1	0	1	1
Linguistics	13	13	9	11	18	15	15	14	17
Political science and public administration	2,483	2,836	3,179	3,039	3,078	2,959	2,438	2,556	2,514
Sociology	139	148	158	179	141	109	128	152	135
Other social sciences	376	387	475	516	514	511	564	536	477
Non-S&E	43,485	45,895	47,451	48,145	47,427	48,340	49,928	50,781	52,152
Native Hawaiian or Other Pacific Islander									
All fields	773	949	1,023	1,073	921	932	974	1,002	926
S&E	116	127	132	140	138	125	169	143	127
Engineering	3	9	8	7	8	6	14	8	9
Aerospace	0	0	1	1	0	0	1	0	0
Chemical	0	1	0	0	0	0	0	0	1
Civil	0	2	3	1	4	3	3	3	3
Electrical	1	0	1	1	0	1	2	0	1
Industrial	0	1	0	1	1	1	3	1	1
Materials	0	0	1	0	0	0	1	0	0
Mechanical	0	0	0	0	1	1	0	0	0
Other	2	5	2	3	2	0	4	4	3
Science	113	118	124	133	130	119	155	135	118
Natural sciences	28	31	27	27	31	26	33	37	29
Agricultural sciences	2	2	9	4	8	2	6	6	4
Biological sciences	13	17	11	10	8	9	10	9	8
Earth, atmospheric, and ocean sciences	1	0	0	1	1	1	0	1	2

Table SHED-6

Master's degrees awarded, by sex, citizenship, race, ethnicity, and field: 2011–19

(Number)

Sex, citizenship, race, ethnicity, and field	2011	2012	2013	2014	2015	2016	2017	2018	2019
Atmospheric sciences	0	0	0	0	0	0	0	0	1
Earth sciences	1	0	0	1	1	1	0	1	1
Oceanography	0	0	0	0	0	0	0	0	0
Mathematics and computer sciences	9	9	5	12	14	12	13	19	14
Computer sciences	7	7	4	11	13	12	12	16	13
Mathematics and statistics	2	2	1	1	1	0	1	3	1
Physical sciences	3	3	2	0	0	2	4	2	1
Astronomy	0	0	0	0	0	0	0	0	0
Chemistry	1	2	1	0	0	2	2	2	1
Physics	1	1	1	0	0	0	2	0	0
Other physical sciences	1	0	0	0	0	0	0	0	0
Social and behavioral sciences	85	87	97	106	99	93	122	98	89
Psychology	34	38	46	55	50	44	66	53	47
Social sciences	51	49	51	51	49	49	56	45	42
Anthropology	1	4	1	0	1	3	1	1	3
Area and ethnic studies	5	10	4	6	4	2	3	1	2
Economics	0	0	0	3	0	1	2	0	0
History of science	0	0	0	0	0	0	0	0	0
Linguistics	0	0	1	0	0	0	0	0	0
Political science and public administration	39	31	40	37	39	37	43	33	30
Sociology	0	1	1	1	0	0	2	3	2
Other social sciences	6	3	4	4	5	6	5	7	5
Non-S&E	657	822	891	933	783	807	805	859	799
White									
All fields	254,278	257,659	254,414	249,097	243,757	244,581	249,667	255,914	263,435
S&E	31,777	34,147	34,635	35,231	34,368	34,734	34,431	35,151	36,971
Engineering	2,798	3,032	3,122	3,125	3,275	3,252	3,471	3,654	3,845
Aerospace	102	100	98	109	91	117	108	109	125
Chemical	130	137	143	142	155	140	182	179	145
Civil	745	838	832	829	798	799	784	778	810
Electrical	256	268	254	268	281	278	304	303	331
Industrial	357	395	381	393	436	384	396	515	486
Materials	78	107	104	95	101	100	120	119	139
Mechanical	336	303	354	370	376	363	428	402	445
Other	794	884	956	919	1,037	1,071	1,149	1,249	1,364
Science	28,979	31,115	31,513	32,106	31,093	31,482	30,960	31,497	33,126

Table SHED-6

Master's degrees awarded, by sex, citizenship, race, ethnicity, and field: 2011–19

(Number)

Sex, citizenship, race, ethnicity, and field	2011	2012	2013	2014	2015	2016	2017	2018	2019
Natural sciences	8,598	9,379	9,549	10,118	10,267	10,714	11,164	11,934	12,550
Agricultural sciences	1,841	2,175	2,087	2,198	2,118	2,247	2,211	2,342	2,494
Biological sciences	3,322	3,629	3,751	3,944	4,114	4,399	4,689	5,079	5,138
Earth, atmospheric, and ocean sciences	562	599	625	650	640	621	611	582	619
Atmospheric sciences	62	60	64	76	49	44	63	57	65
Earth sciences	442	469	515	505	529	510	481	460	491
Oceanography	58	70	46	69	62	67	67	65	63
Mathematics and computer sciences	2,164	2,214	2,337	2,598	2,711	2,753	2,908	3,218	3,516
Computer sciences	1,252	1,247	1,370	1,559	1,735	1,732	1,843	2,119	2,354
Mathematics and statistics	912	967	967	1,039	976	1,021	1,065	1,099	1,162
Physical sciences	709	762	749	728	684	694	745	713	783
Astronomy	36	31	47	38	36	30	45	27	51
Chemistry	428	463	458	441	433	461	484	453	505
Physics	174	199	186	197	172	180	174	182	170
Other physical sciences	71	69	58	52	43	23	42	51	57
Social and behavioral sciences	20,381	21,736	21,964	21,988	20,826	20,768	19,796	19,563	20,576
Psychology	10,315	10,927	11,329	11,554	10,827	11,014	10,590	10,626	11,085
Social sciences	10,066	10,809	10,635	10,434	9,999	9,754	9,206	8,937	9,491
Anthropology	571	577	539	611	582	514	530	541	500
Area and ethnic studies	557	534	510	462	492	428	415	392	353
Economics	468	512	429	451	412	464	450	383	461
History of science	10	11	5	9	7	12	13	6	9
Linguistics	236	239	236	208	239	233	193	205	185
Political science and public administration	6,124	6,699	6,652	6,518	6,211	6,063	5,559	5,408	5,804
Sociology	567	634	576	576	485	490	461	419	478
Other social sciences	1,533	1,603	1,688	1,599	1,571	1,550	1,585	1,583	1,701
Non-S&E	222,501	223,512	219,779	213,866	209,389	209,847	215,236	220,763	226,464
More than one race									
All fields	3,674	5,631	6,670	7,809	8,438	9,623	10,419	11,369	12,154
S&E	682	1,148	1,335	1,551	1,641	1,763	1,986	2,215	2,376
Engineering	61	125	117	147	164	195	194	224	276
Aerospace	2	7	1	8	5	6	6	4	15
Chemical	5	4	4	4	9	7	13	12	15
Civil	15	32	34	43	35	41	38	45	51
Electrical	8	13	9	11	18	20	21	24	25
Industrial	9	14	12	19	18	21	25	28	29

Table SHED-6

Master's degrees awarded, by sex, citizenship, race, ethnicity, and field: 2011–19

(Number)

Sex, citizenship, race, ethnicity, and field	2011	2012	2013	2014	2015	2016	2017	2018	2019
Materials	0	5	4	5	6	8	6	3	14
Mechanical	5	11	14	15	19	31	28	38	42
Other	17	39	39	42	54	61	57	70	85
Science	621	1,023	1,218	1,404	1,477	1,568	1,792	1,991	2,100
Natural sciences	153	244	371	405	457	502	633	707	783
Agricultural sciences	29	35	55	54	73	72	90	105	120
Biological sciences	56	101	168	193	186	221	285	306	343
Earth, atmospheric, and ocean sciences	5	15	18	27	16	23	22	33	32
Atmospheric sciences	0	0	0	3	1	2	1	3	2
Earth sciences	5	15	18	22	14	21	17	26	30
Oceanography	0	0	0	2	1	0	4	4	0
Mathematics and computer sciences	50	70	102	107	146	148	203	214	250
Computer sciences	37	47	75	83	109	114	150	168	185
Mathematics and statistics	13	23	27	24	37	34	53	46	65
Physical sciences	13	23	28	24	36	38	33	49	38
Astronomy	1	0	0	2	3	1	2	2	3
Chemistry	7	17	17	13	25	23	23	28	24
Physics	3	3	8	8	7	10	7	14	9
Other physical sciences	2	3	3	1	1	4	1	5	2
Social and behavioral sciences	468	779	847	999	1,020	1,066	1,159	1,284	1,317
Psychology	194	325	376	408	440	486	580	643	659
Social sciences	274	454	471	591	580	580	579	641	658
Anthropology	13	22	28	37	29	23	28	40	46
Area and ethnic studies	22	33	34	38	41	41	42	47	57
Economics	13	22	20	16	13	26	21	26	18
History of science	0	0	0	1	0	2	0	1	0
Linguistics	5	10	9	9	11	16	14	16	9
Political science and public administration	155	268	294	364	377	373	345	386	390
Sociology	21	31	35	38	32	27	42	35	39
Other social sciences	45	68	51	88	77	72	87	90	99
Non-S&E	2,992	4,483	5,335	6,258	6,797	7,860	8,433	9,154	9,778
Other or unknown race or ethnicity									
All fields	44,171	42,561	36,179	33,781	32,472	32,633	29,864	29,051	29,734
S&E	5,900	6,078	5,803	5,320	5,020	5,166	4,186	4,281	4,695
Engineering	431	419	446	478	372	415	346	348	311
Aerospace	9	6	8	7	6	7	5	6	5

Table SHED-6

Master's degrees awarded, by sex, citizenship, race, ethnicity, and field: 2011–19

(Number)

Sex, citizenship, race, ethnicity, and field	2011	2012	2013	2014	2015	2016	2017	2018	2019
All fields	37,119	39,534	42,187	47,499	52,604	58,774	62,340	64,721	62,774
S&E	13,325	14,172	15,428	17,129	20,942	25,495	27,974	29,066	28,118
Engineering	4,077	4,372	4,625	5,302	6,497	7,897	8,067	8,025	7,199
Aerospace	58	47	48	42	44	74	85	101	86
Chemical	273	345	363	368	385	414	436	487	426
Civil	476	558	640	664	754	853	887	1,047	929
Electrical	1,641	1,761	1,756	2,059	2,994	3,752	3,638	3,334	2,885
Industrial	576	618	597	705	749	965	1,072	1,137	944
Materials	111	147	158	179	185	215	221	216	206
Mechanical	271	276	288	385	438	510	536	486	505
Other	671	620	775	900	948	1,114	1,192	1,217	1,218
Science	9,248	9,800	10,803	11,827	14,445	17,598	19,907	21,041	20,919
Natural sciences	5,747	6,216	6,680	7,556	10,127	13,073	15,307	16,316	15,899
Agricultural sciences	312	367	404	453	444	506	508	582	596
Biological sciences	1,109	1,154	1,197	1,272	1,462	1,405	1,542	1,622	1,598
Earth, atmospheric, and ocean sciences	106	124	139	129	140	132	170	113	115
Atmospheric sciences	9	20	19	19	26	21	30	18	22
Earth sciences	91	94	112	105	109	108	129	91	85
Oceanography	6	10	8	5	5	3	11	4	8
Mathematics and computer sciences	3,671	3,980	4,374	5,094	7,455	10,410	12,489	13,381	13,049
Computer sciences	2,580	2,778	2,960	3,420	5,576	8,118	9,772	10,008	9,237
Mathematics and statistics	1,091	1,202	1,414	1,674	1,879	2,292	2,717	3,373	3,812
Physical sciences	549	591	566	608	626	620	598	618	541
Astronomy	17	11	9	18	15	14	11	10	18
Chemistry	358	415	397	396	405	407	392	361	328
Physics	161	151	146	176	194	184	182	226	173
Other physical sciences	13	14	14	18	12	15	13	21	22
Social and behavioral sciences	3,501	3,584	4,123	4,271	4,318	4,525	4,600	4,725	5,020
Psychology	548	610	696	648	626	781	727	771	789
Social sciences	2,953	2,974	3,427	3,623	3,692	3,744	3,873	3,954	4,231
Anthropology	47	53	61	60	63	59	72	81	83
Area and ethnic studies	159	159	202	218	200	216	192	189	185
Economics	902	860	1,023	1,093	1,052	1,069	1,162	1,176	1,300
History of science	1	2	4	5	2	1	2	6	5
Linguistics	134	142	122	117	180	128	137	120	114
Political science and public administration	1,395	1,425	1,632	1,766	1,806	1,869	1,837	1,867	1,990

Table SHED-6

Master's degrees awarded, by sex, citizenship, race, ethnicity, and field: 2011–19

(Number)

Sex, citizenship, race, ethnicity, and field	2011	2012	2013	2014	2015	2016	2017	2018	2019
Sociology	99	105	126	103	104	101	93	112	128
Other social sciences	216	228	257	261	285	301	378	403	426
Non-S&E	23,794	25,362	26,759	30,370	31,662	33,279	34,366	35,655	34,656

Note(s):

Racial and ethnic breakouts include U.S. citizens and permanent residents only; temporary visa holder includes all racial and ethnic groups. Hispanic may be any race, and race categories exclude Hispanic origin.

Source(s):

National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Completions Survey; National Center for Science and Engineering Statistics, Table Builder.

Science and Engineering Indicators