

Table SHED-3

Associate'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	949,963	1,026,536	1,015,211	1,012,523	1,024,187	1,017,860	1,014,574	1,020,278	1,045,129
S&E	76,021	84,785	85,798	87,976	90,589	88,832	92,650	98,513	104,435
Engineering	2,994	3,537	3,871	4,409	5,004	5,414	6,048	6,526	6,492
Aerospace	0	3	1	0	3	0	0	3	13
Chemical	31	13	22	21	50	38	42	41	47
Civil	71	93	121	110	103	126	147	127	122
Electrical	199	209	202	319	346	364	389	420	423
Industrial	69	67	64	66	99	72	68	80	70
Materials	6	1	6	11	11	12	13	9	7
Mechanical	139	177	184	213	209	307	316	333	388
Other	2,479	2,974	3,271	3,669	4,183	4,495	5,073	5,513	5,422
Science	73,027	81,248	81,927	83,567	85,585	83,418	86,602	91,987	97,943
Natural sciences	48,061	52,943	51,535	51,491	51,929	47,217	49,001	51,776	54,062
Agricultural sciences	2,138	2,526	2,392	2,484	2,678	2,673	2,781	2,969	2,948
Biological sciences	3,440	4,028	4,340	4,689	5,071	5,461	5,737	6,531	7,445
Earth, atmospheric, and ocean sciences	95	103	112	136	153	152	151	129	156
Atmospheric sciences	10	9	4	6	3	1	0	0	0
Earth sciences	50	67	70	96	112	118	149	128	152
Oceanography	35	27	38	34	38	33	2	1	4
Mathematics and computer sciences	39,320	42,719	40,699	39,783	39,118	33,541	34,633	35,569	36,570
Computer sciences	37,675	41,190	38,897	37,643	36,421	30,512	31,179	31,434	31,939
Mathematics and statistics	1,645	1,529	1,802	2,140	2,697	3,029	3,454	4,135	4,631
Physical sciences	3,068	3,567	3,992	4,399	4,909	5,390	5,699	6,578	6,943
Astronomy	1	4	4	9	5	7	12	12	16
Chemistry	459	533	626	704	828	834	908	1,095	1,197
Physics	260	318	378	516	738	910	1,006	1,377	1,541
Other physical sciences	2,348	2,712	2,984	3,170	3,338	3,639	3,773	4,094	4,189
Social and behavioral sciences	24,966	28,305	30,392	32,076	33,656	36,201	37,601	40,211	43,881
Psychology	3,866	4,713	6,118	7,529	8,736	10,602	11,282	12,488	14,481
Social sciences	21,100	23,592	24,274	24,547	24,920	25,599	26,319	27,723	29,400
Anthropology	231	339	326	384	441	659	726	822	948
Area and ethnic studies	216	189	254	341	365	385	400	537	613
Economics	357	402	484	434	575	882	1,343	1,743	2,276
Linguistics	0	1	3	30	8	9	2	4	9

Table SHED-3

Associate'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
Political science and public administration	4,592	5,812	6,549	6,911	6,835	6,594	6,729	6,699	6,657
Sociology	862	1,071	1,598	2,050	2,554	3,272	3,876	4,755	5,523
Other social sciences	14,842	15,778	15,060	14,397	14,142	13,798	13,243	13,163	13,374
Non-S&E	873,942	941,751	929,413	924,547	933,598	929,028	921,924	921,765	940,694
S&E technologies	148,636	165,632	156,573	148,966	144,098	136,580	132,581	126,409	123,182
Engineering technologies	38,222	40,630	37,475	34,638	34,764	31,704	31,561	31,438	30,731
Health technologies	107,577	121,786	115,739	110,779	105,513	100,796	96,480	90,269	87,707
Science technologies	1,981	2,230	2,357	2,465	2,592	3,033	3,447	3,476	3,542
Other S&E technologies	856	986	1,002	1,084	1,229	1,047	1,093	1,226	1,202
U.S. citizen or permanent resident									
All fields	933,331	1,009,430	998,339	995,410	1,006,203	998,456	993,636	997,194	1,020,645
S&E	74,500	83,187	84,211	86,261	88,653	86,661	90,050	95,247	100,868
Engineering	2,810	3,298	3,697	4,213	4,776	5,177	5,693	6,098	6,074
Aerospace	0	3	0	0	3	0	0	3	13
Chemical	22	12	19	18	43	34	29	27	33
Civil	65	84	110	105	102	118	138	115	112
Electrical	189	198	193	305	334	345	376	393	405
Industrial	69	67	64	66	98	71	68	79	70
Materials	6	1	6	11	11	11	13	7	6
Mechanical	127	162	175	185	185	283	279	292	333
Other	2,332	2,771	3,130	3,523	4,000	4,315	4,790	5,182	5,102
Science	71,690	79,889	80,514	82,048	83,877	81,484	84,357	89,149	94,794
Natural sciences	47,075	51,973	50,566	50,410	50,726	45,888	47,398	49,775	51,766
Agricultural sciences	2,128	2,514	2,376	2,462	2,586	2,645	2,761	2,943	2,930
Biological sciences	3,348	3,935	4,226	4,577	4,979	5,346	5,594	6,361	7,175
Earth, atmospheric, and ocean sciences	93	101	109	135	152	152	145	128	156
Atmospheric sciences	9	9	4	6	3	1	0	0	0
Earth sciences	49	65	67	95	111	118	143	127	152
Oceanography	35	27	38	34	38	33	2	1	4
Mathematics and computer sciences	38,696	42,143	40,117	39,143	38,476	32,719	33,645	34,240	35,086
Computer sciences	37,126	40,700	38,384	37,098	35,874	29,845	30,402	30,365	30,758
Mathematics and statistics	1,570	1,443	1,733	2,045	2,602	2,874	3,243	3,875	4,328
Physical sciences	2,810	3,280	3,738	4,093	4,533	5,026	5,253	6,103	6,419
Astronomy	1	4	4	9	4	6	12	12	16
Chemistry	431	500	607	683	803	814	873	1,055	1,145
Physics	251	307	370	495	715	884	965	1,318	1,478

Table SHED-3

Associate'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	2,127	2,469	2,757	2,906	3,011	3,322	3,403	3,718	3,780
Social and behavioral sciences	24,615	27,916	29,948	31,638	33,151	35,596	36,959	39,374	43,028
Psychology	3,810	4,676	6,056	7,449	8,621	10,500	11,158	12,326	14,293
Social sciences	20,805	23,240	23,892	24,189	24,530	25,096	25,801	27,048	28,735
Anthropology	228	337	324	384	434	653	724	811	939
Area and ethnic studies	205	185	249	331	361	373	394	524	603
Economics	312	344	431	382	510	741	1,150	1,444	1,988
Linguistics	0	1	2	27	8	9	2	4	8
Political science and public administration	4,558	5,766	6,483	6,858	6,778	6,507	6,640	6,604	6,556
Sociology	850	1,055	1,580	2,037	2,536	3,252	3,855	4,727	5,485
Other social sciences	14,652	15,552	14,823	14,170	13,903	13,561	13,036	12,934	13,156
Non-S&E	858,831	926,243	914,128	909,149	917,550	911,795	903,586	901,947	919,777
S&E technologies	147,677	164,612	155,529	148,010	143,213	135,601	131,456	125,343	122,003
Engineering technologies	37,934	40,366	37,157	34,327	34,452	31,289	31,067	31,018	30,273
Health technologies	106,941	121,074	115,062	110,177	104,976	100,274	95,895	89,659	87,048
Science technologies	1,946	2,186	2,308	2,422	2,556	2,991	3,401	3,440	3,480
Other S&E technologies	856	986	1,002	1,084	1,229	1,047	1,093	1,226	1,202
Hispanic or Latino									
All fields	123,212	148,629	156,071	166,346	181,156	196,579	209,579	225,334	245,607
S&E	9,845	12,375	14,526	16,963	19,046	21,328	23,928	27,118	30,390
Engineering	409	453	579	709	815	974	1,168	1,266	1,283
Aerospace	0	0	0	0	0	0	0	0	1
Chemical	3	1	5	4	2	4	4	4	6
Civil	11	21	30	51	42	51	55	52	34
Electrical	45	36	42	65	68	78	85	79	98
Industrial	3	9	6	11	25	6	10	10	3
Materials	1	0	0	2	1	1	6	4	2
Mechanical	35	32	32	30	36	60	87	72	82
Other	311	354	464	546	641	774	921	1,045	1,057
Science	9,436	11,922	13,947	16,254	18,231	20,354	22,760	25,852	29,107
Natural sciences	4,972	6,130	6,789	7,492	8,078	7,869	8,765	10,017	10,909
Agricultural sciences	67	91	108	115	158	180	182	199	284
Biological sciences	649	947	1,072	1,258	1,463	1,619	1,832	2,198	2,541
Earth, atmospheric, and ocean sciences	3	12	13	13	18	28	34	27	39
Atmospheric sciences	0	0	0	0	0	0	0	0	0
Earth sciences	3	12	12	11	17	28	34	27	39

Table SHED-3

Associate'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	0	0	1	2	1	0	0	0	0
Mathematics and computer sciences	3,852	4,482	4,922	5,251	5,382	4,779	5,389	5,846	6,212
Computer sciences	3,511	4,084	4,450	4,574	4,601	3,771	4,258	4,428	4,693
Mathematics and statistics	341	398	472	677	781	1,008	1,131	1,418	1,519
Physical sciences	401	598	674	855	1,057	1,263	1,328	1,747	1,833
Astronomy	0	0	1	3	2	1	4	3	5
Chemistry	74	117	140	181	208	216	214	329	340
Physics	75	102	127	169	242	363	366	557	594
Other physical sciences	252	379	406	502	605	683	744	858	894
Social and behavioral sciences	4,464	5,792	7,158	8,762	10,153	12,485	13,995	15,835	18,198
Psychology	944	1,364	1,930	2,648	3,379	4,534	4,968	5,779	6,833
Social sciences	3,520	4,428	5,228	6,114	6,774	7,951	9,027	10,056	11,365
Anthropology	49	93	95	108	131	231	274	355	386
Area and ethnic studies	41	45	60	84	78	94	110	164	192
Economics	82	102	132	142	172	241	355	456	639
Linguistics	0	0	1	7	3	1	0	2	2
Political science and public administration	574	686	816	1,026	1,189	1,216	1,557	1,592	1,747
Sociology	270	390	616	947	1,267	1,768	2,245	2,837	3,320
Other social sciences	2,504	3,112	3,508	3,800	3,934	4,400	4,486	4,650	5,079
Non-S&E	113,367	136,254	141,545	149,383	162,110	175,251	185,651	198,216	215,217
S&E technologies	16,699	21,206	21,059	20,979	21,482	21,544	22,058	22,792	23,126
Engineering technologies	4,488	5,152	4,850	4,514	4,676	4,360	4,435	4,728	4,918
Health technologies	11,871	15,664	15,736	15,964	16,182	16,449	16,745	17,068	17,156
Science technologies	235	291	350	356	451	604	740	790	859
Other S&E technologies	105	99	123	145	173	131	138	206	193
Not Hispanic or Latino									
All fields	810,119	860,801	842,268	829,064	825,047	801,877	784,057	771,860	775,038
S&E	64,655	70,812	69,685	69,298	69,607	65,333	66,122	68,129	70,478
Engineering	2,401	2,845	3,118	3,504	3,961	4,203	4,525	4,832	4,791
Aerospace	0	3	0	0	3	0	0	3	12
Chemical	19	11	14	14	41	30	25	23	27
Civil	54	63	80	54	60	67	83	63	78
Electrical	144	162	151	240	266	267	291	314	307
Industrial	66	58	58	55	73	65	58	69	67
Materials	5	1	6	9	10	10	7	3	4
Mechanical	92	130	143	155	149	223	192	220	251

Table SHED-3

Associate'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	2,021	2,417	2,666	2,977	3,359	3,541	3,869	4,137	4,045
Science	62,254	67,967	66,567	65,794	65,646	61,130	61,597	63,297	65,687
Natural sciences	42,103	45,843	43,777	42,918	42,648	38,019	38,633	39,758	40,857
Agricultural sciences	2,061	2,423	2,268	2,347	2,428	2,465	2,579	2,744	2,646
Biological sciences	2,699	2,988	3,154	3,319	3,516	3,727	3,762	4,163	4,634
Earth, atmospheric, and ocean sciences	90	89	96	122	134	124	111	101	117
Atmospheric sciences	9	9	4	6	3	1	0	0	0
Earth sciences	46	53	55	84	94	90	109	100	113
Oceanography	35	27	37	32	37	33	2	1	4
Mathematics and computer sciences	34,844	37,661	35,195	33,892	33,094	27,940	28,256	28,394	28,874
Computer sciences	33,615	36,616	33,934	32,524	31,273	26,074	26,144	25,937	26,065
Mathematics and statistics	1,229	1,045	1,261	1,368	1,821	1,866	2,112	2,457	2,809
Physical sciences	2,409	2,682	3,064	3,238	3,476	3,763	3,925	4,356	4,586
Astronomy	1	4	3	6	2	5	8	9	11
Chemistry	357	383	467	502	595	598	659	726	805
Physics	176	205	243	326	473	521	599	761	884
Other physical sciences	1,875	2,090	2,351	2,404	2,406	2,639	2,659	2,860	2,886
Social and behavioral sciences	20,151	22,124	22,790	22,876	22,998	23,111	22,964	23,539	24,830
Psychology	2,866	3,312	4,126	4,801	5,242	5,966	6,190	6,547	7,460
Social sciences	17,285	18,812	18,664	18,075	17,756	17,145	16,774	16,992	17,370
Anthropology	179	244	229	276	303	422	450	456	553
Area and ethnic studies	164	140	189	247	283	279	284	360	411
Economics	230	242	299	240	338	500	795	988	1,349
Linguistics	0	1	1	20	5	8	2	2	6
Political science and public administration	3,984	5,080	5,667	5,832	5,589	5,291	5,083	5,012	4,809
Sociology	580	665	964	1,090	1,269	1,484	1,610	1,890	2,165
Other social sciences	12,148	12,440	11,315	10,370	9,969	9,161	8,550	8,284	8,077
Non-S&E	745,464	789,989	772,583	759,766	755,440	736,544	717,935	703,731	704,560
S&E technologies	130,978	143,406	134,470	127,031	121,731	114,057	109,398	102,551	98,877
Engineering technologies	33,446	35,214	32,307	29,813	29,776	26,929	26,632	26,290	25,355
Health technologies	95,070	105,410	99,326	94,213	88,794	83,825	79,150	72,591	69,892
Science technologies	1,711	1,895	1,958	2,066	2,105	2,387	2,661	2,650	2,621
Other S&E technologies	751	887	879	939	1,056	916	955	1,020	1,009
American Indian or Alaska Native									
All fields	9,451	9,932	9,930	9,780	9,517	9,095	8,935	8,966	8,749
S&E	1,051	1,048	1,096	1,117	1,077	961	942	982	971

Table SHED-3

Associate'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	42	29	45	38	36	33	50	38	42
Aerospace	0	0	0	0	0	0	0	0	0
Chemical	0	0	0	1	1	1	0	1	0
Civil	0	0	2	3	0	2	1	1	0
Electrical	1	1	0	1	2	0	2	2	3
Industrial	2	0	0	0	1	0	0	1	0
Materials	0	0	1	0	1	0	0	0	0
Mechanical	0	0	2	0	1	1	1	0	0
Other	39	28	40	33	30	29	46	33	39
Science	1,009	1,019	1,051	1,079	1,041	928	892	944	929
Natural sciences	509	545	582	601	537	478	453	499	480
Agricultural sciences	66	75	75	98	96	76	67	75	79
Biological sciences	46	67	79	69	64	61	68	79	75
Earth, atmospheric, and ocean sciences	0	3	2	5	6	6	4	2	10
Atmospheric sciences	0	0	0	0	0	0	0	0	0
Earth sciences	0	3	1	5	6	6	4	2	9
Oceanography	0	0	1	0	0	0	0	0	1
Mathematics and computer sciences	350	359	376	380	313	291	271	287	258
Computer sciences	328	337	362	358	298	277	256	264	240
Mathematics and statistics	22	22	14	22	15	14	15	23	18
Physical sciences	47	41	50	49	58	44	43	56	58
Astronomy	0	0	0	0	0	0	0	0	0
Chemistry	3	4	5	5	4	3	3	3	0
Physics	2	2	2	3	4	2	3	4	2
Other physical sciences	42	35	43	41	50	39	37	49	56
Social and behavioral sciences	500	474	469	478	504	450	439	445	449
Psychology	81	88	85	103	124	126	114	103	129
Social sciences	419	386	384	375	380	324	325	342	320
Anthropology	5	7	4	3	5	5	8	6	8
Area and ethnic studies	86	69	71	84	85	82	63	79	94
Economics	2	6	1	1	3	0	1	4	12
Linguistics	0	0	0	0	0	0	0	0	0
Political science and public administration	74	70	87	69	78	82	67	77	81
Sociology	7	16	23	29	25	20	30	31	20
Other social sciences	245	218	198	189	184	135	156	145	105
Non-S&E	8,400	8,884	8,834	8,663	8,440	8,134	7,993	7,984	7,778

Table SHED-3

Associate'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 technologies	1,288	1,435	1,472	1,337	1,302	1,243	1,154	1,082	1,037
Engineering technologies	399	377	424	363	388	320	298	307	287
Health technologies	867	1,034	1,022	955	886	887	820	743	722
Science technologies	14	17	18	14	13	22	25	23	23
Other S&E technologies	8	7	8	5	15	14	11	9	5
Asian									
All fields	38,472	41,688	43,041	44,170	46,155	48,525	50,916	54,129	58,935
S&E	3,952	4,474	5,235	5,466	6,206	6,741	7,452	8,423	9,448
Engineering	199	272	291	357	405	448	562	611	588
Aerospace	0	0	0	0	0	0	0	0	1
Chemical	2	3	3	0	4	6	1	4	1
Civil	3	5	4	5	10	7	6	10	13
Electrical	11	19	16	29	29	31	37	44	45
Industrial	0	2	1	0	3	0	1	2	5
Materials	0	0	0	0	0	0	0	0	0
Mechanical	12	12	22	18	12	19	26	28	36
Other	171	231	245	305	347	385	491	523	487
Science	3,753	4,202	4,944	5,109	5,801	6,293	6,890	7,812	8,860
Natural sciences	2,457	2,738	3,078	3,209	3,607	3,760	4,200	4,946	5,485
Agricultural sciences	13	18	23	22	26	17	20	35	30
Biological sciences	405	471	499	522	542	591	654	793	920
Earth, atmospheric, and ocean sciences	4	6	1	1	5	4	4	13	3
Atmospheric sciences	0	0	0	0	0	0	0	0	0
Earth sciences	4	4	1	1	5	4	4	13	3
Oceanography	0	2	0	0	0	0	0	0	0
Mathematics and computer sciences	1,662	1,782	2,048	2,087	2,335	2,438	2,770	3,188	3,471
Computer sciences	1,438	1,585	1,770	1,777	1,907	1,963	2,165	2,420	2,564
Mathematics and statistics	224	197	278	310	428	475	605	768	907
Physical sciences	373	461	507	577	699	710	752	917	1,061
Astronomy	0	0	1	1	0	1	1	1	1
Chemistry	104	131	132	159	170	164	178	204	266
Physics	21	44	59	88	127	134	160	228	286
Other physical sciences	248	286	315	329	402	411	413	484	508
Social and behavioral sciences	1,296	1,464	1,866	1,900	2,194	2,533	2,690	2,866	3,375
Psychology	174	243	364	480	562	715	824	884	1,017
Social sciences	1,122	1,221	1,502	1,420	1,632	1,818	1,866	1,982	2,358

Table SHED-3

Associate'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	15	16	19	22	24	32	44	37	59
Area and ethnic studies	3	10	10	13	10	10	18	25	19
Economics	39	49	55	36	76	142	220	256	422
Linguistics	0	0	1	4	2	3	1	2	2
Political science and public administration	78	83	137	122	166	212	200	240	279
Sociology	58	56	115	154	171	251	270	334	378
Other social sciences	929	1,007	1,165	1,069	1,183	1,168	1,113	1,088	1,199
Non-S&E	34,520	37,214	37,806	38,704	39,949	41,784	43,464	45,706	49,487
S&E technologies	4,798	5,645	5,446	5,515	5,385	5,221	5,347	5,372	5,713
Engineering technologies	1,007	994	1,023	966	1,040	884	900	1,030	1,028
Health technologies	3,665	4,486	4,273	4,392	4,137	4,101	4,184	4,076	4,429
Science technologies	87	121	113	131	169	197	221	215	218
Other S&E technologies	39	44	37	26	39	39	42	51	38
Black or African American									
All fields	119,153	131,310	127,770	127,067	131,171	128,307	125,139	121,112	120,615
S&E	9,541	10,156	10,564	10,899	11,101	9,593	9,598	9,937	9,866
Engineering	183	236	244	308	322	408	395	460	462
Aerospace	0	0	0	0	0	0	0	0	1
Chemical	1	0	3	1	1	1	3	0	2
Civil	4	2	4	6	6	10	10	10	5
Electrical	23	17	17	44	52	59	49	57	48
Industrial	3	3	3	0	7	6	3	7	5
Materials	0	0	0	0	0	0	0	0	0
Mechanical	1	4	3	7	4	12	8	12	8
Other	151	210	214	250	252	320	322	374	393
Science	9,358	9,920	10,320	10,591	10,779	9,185	9,203	9,477	9,404
Natural sciences	6,017	6,210	6,529	6,564	6,632	4,973	4,951	4,993	5,166
Agricultural sciences	12	25	20	34	30	28	32	33	44
Biological sciences	272	327	363	376	431	458	473	497	560
Earth, atmospheric, and ocean sciences	2	0	1	2	2	3	1	1	0
Atmospheric sciences	0	0	0	0	0	1	0	0	0
Earth sciences	2	0	1	2	2	2	1	1	0
Oceanography	0	0	0	0	0	0	0	0	0
Mathematics and computer sciences	5,369	5,465	5,723	5,730	5,767	4,019	3,930	3,886	3,955
Computer sciences	5,278	5,404	5,653	5,670	5,678	3,918	3,824	3,770	3,837
Mathematics and statistics	91	61	70	60	89	101	106	116	118

Table SHED-3

Associate'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	362	393	422	422	402	465	515	576	607
Astronomy	0	0	0	0	0	1	0	1	1
Chemistry	13	17	29	18	32	30	42	46	40
Physics	20	9	8	10	15	17	19	23	27
Other physical sciences	329	367	385	394	355	417	454	506	539
Social and behavioral sciences	3,341	3,710	3,791	4,027	4,147	4,212	4,252	4,484	4,238
Psychology	314	416	457	587	698	831	842	898	949
Social sciences	3,027	3,294	3,334	3,440	3,449	3,381	3,410	3,586	3,289
Anthropology	5	6	8	7	16	14	14	20	22
Area and ethnic studies	22	18	27	39	31	42	44	68	74
Economics	18	10	18	19	12	28	40	45	42
Linguistics	0	0	0	2	0	1	0	0	0
Political science and public administration	1,069	1,403	1,544	1,699	1,588	1,602	1,602	1,695	1,465
Sociology	108	143	176	176	236	275	279	392	431
Other social sciences	1,805	1,714	1,561	1,498	1,566	1,419	1,431	1,366	1,255
Non-S&E	109,612	121,154	117,206	116,168	120,070	118,714	115,541	111,175	110,749
S&E technologies	20,451	22,629	21,235	19,018	19,724	18,309	17,706	15,453	14,260
Engineering technologies	4,319	4,308	4,392	3,943	4,282	3,324	3,155	2,818	2,782
Health technologies	15,818	17,928	16,483	14,660	14,996	14,475	14,010	12,067	10,879
Science technologies	222	247	249	266	276	355	400	407	437
Other S&E technologies	92	146	111	149	170	155	141	161	162
Native Hawaiian or Other Pacific Islander									
All fields	4,749	4,421	4,422	4,326	4,103	3,907	3,893	3,919	3,887
S&E	496	506	533	428	435	389	410	444	436
Engineering	21	23	20	21	16	17	12	20	13
Aerospace	0	0	0	0	0	0	0	0	0
Chemical	0	0	0	0	0	0	0	0	0
Civil	0	2	0	0	0	0	0	2	1
Electrical	2	2	2	3	3	3	6	4	0
Industrial	0	0	0	0	0	0	1	0	0
Materials	0	0	0	0	0	0	0	0	0
Mechanical	0	2	0	0	1	2	0	0	1
Other	19	17	18	18	12	12	5	14	11
Science	475	483	513	407	419	372	398	424	423
Natural sciences	236	255	268	251	239	197	219	242	233
Agricultural sciences	15	23	27	25	27	31	33	56	43

Table SHED-3

Associate'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	52	25	31	29	34	29	25	41	38
Earth, atmospheric, and ocean sciences	0	0	0	0	1	0	0	0	0
Atmospheric sciences	0	0	0	0	0	0	0	0	0
Earth sciences	0	0	0	0	1	0	0	0	0
Oceanography	0	0	0	0	0	0	0	0	0
Mathematics and computer sciences	148	195	193	177	159	113	143	129	140
Computer sciences	146	190	190	174	153	106	129	119	130
Mathematics and statistics	2	5	3	3	6	7	14	10	10
Physical sciences	21	12	17	20	18	24	18	16	12
Astronomy	0	0	0	0	0	0	0	0	0
Chemistry	1	3	0	3	3	2	1	0	3
Physics	0	0	0	0	4	2	1	5	0
Other physical sciences	20	9	17	17	11	20	16	11	9
Social and behavioral sciences	239	228	245	156	180	175	179	182	190
Psychology	18	19	31	23	20	41	46	28	37
Social sciences	221	209	214	133	160	134	133	154	153
Anthropology	1	2	1	0	2	3	2	5	2
Area and ethnic studies	1	3	11	17	15	19	11	10	15
Economics	0	0	0	1	3	3	6	5	4
Linguistics	0	0	0	1	0	0	0	0	0
Political science and public administration	26	24	29	13	23	15	27	25	31
Sociology	6	10	10	11	7	17	14	16	18
Other social sciences	187	170	163	90	110	77	73	93	83
Non-S&E	4,253	3,915	3,889	3,898	3,668	3,518	3,483	3,475	3,451
S&E technologies	576	539	569	534	483	497	474	430	386
Engineering technologies	102	102	130	95	95	108	122	94	78
Health technologies	459	416	430	427	368	372	339	323	298
Science technologies	8	11	6	5	7	12	6	7	4
Other S&E technologies	7	10	3	7	13	5	7	6	6
White									
All fields	560,422	586,478	580,945	568,298	561,723	542,660	530,746	517,190	511,122
S&E	41,359	43,665	44,789	44,307	44,059	40,883	41,574	41,770	42,702
Engineering	1,797	2,068	2,266	2,507	2,862	2,914	3,134	3,263	3,251
Aerospace	0	2	0	0	1	0	0	2	9
Chemical	14	8	8	11	26	18	17	13	22
Civil	45	50	64	37	42	44	62	36	57

Table SHED-3

Associate'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	94	100	106	142	161	143	173	175	171
Industrial	49	50	45	52	54	50	50	49	50
Materials	5	1	5	9	9	10	6	3	4
Mechanical	69	96	99	118	110	161	133	155	168
Other	1,521	1,761	1,939	2,138	2,459	2,488	2,693	2,830	2,770
Science	39,562	41,597	42,523	41,800	41,197	37,969	38,440	38,507	39,451
Natural sciences	27,932	29,219	29,160	28,269	27,928	25,076	25,490	25,579	25,761
Agricultural sciences	1,838	2,157	1,995	2,051	2,113	2,163	2,281	2,397	2,263
Biological sciences	1,628	1,822	1,886	2,015	2,158	2,267	2,211	2,380	2,592
Earth, atmospheric, and ocean sciences	80	76	87	108	112	106	94	76	91
Atmospheric sciences	8	9	4	6	3	0	0	0	0
Earth sciences	37	42	49	71	74	76	92	75	88
Oceanography	35	25	34	31	35	30	2	1	3
Mathematics and computer sciences	23,039	23,656	23,468	22,263	21,615	18,462	18,713	18,411	18,466
Computer sciences	22,348	22,991	22,697	21,420	20,509	17,384	17,512	17,135	16,996
Mathematics and statistics	691	665	771	843	1,106	1,078	1,201	1,276	1,470
Physical sciences	1,347	1,508	1,724	1,832	1,930	2,078	2,191	2,315	2,349
Astronomy	1	4	1	4	2	3	7	5	8
Chemistry	200	187	245	260	328	333	371	418	429
Physics	112	125	146	189	271	309	368	412	467
Other physical sciences	1,034	1,192	1,332	1,379	1,329	1,433	1,445	1,480	1,445
Social and behavioral sciences	11,630	12,378	13,363	13,531	13,269	12,893	12,950	12,928	13,690
Psychology	2,003	2,173	2,681	3,119	3,236	3,586	3,672	3,824	4,425
Social sciences	9,627	10,205	10,682	10,412	10,033	9,307	9,278	9,104	9,265
Anthropology	130	182	166	201	226	306	332	332	385
Area and ethnic studies	40	28	46	63	89	77	96	105	123
Economics	143	151	190	157	222	277	460	560	731
Linguistics	0	1	0	8	3	4	1	0	4
Political science and public administration	2,041	2,368	3,144	3,295	3,133	2,763	2,755	2,557	2,421
Sociology	332	360	542	571	675	763	837	858	1,032
Other social sciences	6,941	7,115	6,594	6,117	5,685	5,117	4,797	4,692	4,569
Non-S&E	519,063	542,813	536,156	523,991	517,664	501,777	489,172	475,420	468,420
S&E technologies	90,822	96,719	92,913	87,297	84,261	79,674	76,938	72,625	68,989
Engineering technologies	24,791	24,359	23,623	21,869	21,591	20,144	20,302	20,156	19,207
Health technologies	64,190	70,326	67,199	63,276	60,426	57,247	54,118	49,935	47,321
Science technologies	1,288	1,400	1,435	1,497	1,492	1,650	1,830	1,801	1,745

Table SHED-3

Associate'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 S&E technologies	553	634	656	655	752	633	688	733	716
More than one race									
All fields	10,487	13,726	18,278	21,431	24,290	27,732	28,570	31,837	35,153
S&E	726	1,110	1,800	2,154	2,549	3,087	3,110	3,433	3,980
Engineering	25	26	58	90	101	149	148	186	216
Aerospace	0	1	0	0	0	0	0	0	1
Chemical	0	0	0	1	4	0	1	3	2
Civil	1	1	2	2	0	1	2	2	0
Electrical	0	0	4	3	8	9	9	11	20
Industrial	0	0	0	1	2	0	0	2	0
Materials	0	0	0	0	0	0	0	0	0
Mechanical	4	6	6	5	3	8	11	8	20
Other	20	18	46	78	84	131	125	160	173
Science	701	1,084	1,742	2,064	2,448	2,938	2,962	3,247	3,764
Natural sciences	421	590	916	1,061	1,256	1,405	1,481	1,632	1,894
Agricultural sciences	21	26	34	40	48	68	69	65	96
Biological sciences	34	55	91	94	129	153	192	221	288
Earth, atmospheric, and ocean sciences	2	0	2	2	3	2	2	3	12
Atmospheric sciences	0	0	0	0	0	0	0	0	0
Earth sciences	2	0	2	1	1	1	2	3	12
Oceanography	0	0	0	1	2	1	0	0	0
Mathematics and computer sciences	321	442	677	790	904	983	1,014	1,096	1,209
Computer sciences	300	422	628	738	810	874	895	933	1,010
Mathematics and statistics	21	20	49	52	94	109	119	163	199
Physical sciences	43	67	112	135	172	199	204	247	289
Astronomy	0	0	0	0	0	0	0	1	1
Chemistry	4	10	18	22	29	33	42	31	50
Physics	1	5	10	14	31	44	37	54	72
Other physical sciences	38	52	84	99	112	122	125	161	166
Social and behavioral sciences	280	494	826	1,003	1,192	1,533	1,481	1,615	1,870
Psychology	53	85	169	226	333	371	436	481	613
Social sciences	227	409	657	777	859	1,162	1,045	1,134	1,257
Anthropology	5	10	16	25	16	39	36	40	63
Area and ethnic studies	3	4	14	24	43	43	36	65	68
Economics	4	4	13	6	10	33	43	68	97
Linguistics	0	0	0	1	0	0	0	0	0

Table SHED-3

Associate'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
Political science and public administration	37	63	122	145	176	245	203	204	238
Sociology	15	24	39	77	96	103	119	180	191
Other social sciences	163	304	453	499	518	699	608	577	600
Non-S&E	9,761	12,616	16,478	19,277	21,741	24,645	25,460	28,404	31,173
S&E technologies	1,412	1,926	2,479	2,617	2,791	3,181	3,131	3,227	3,444
Engineering technologies	329	384	643	698	712	731	742	773	827
Health technologies	1,053	1,492	1,752	1,783	1,980	2,324	2,250	2,319	2,446
Science technologies	17	30	64	78	63	79	95	109	116
Other S&E technologies	13	20	20	58	36	47	44	26	55
Other or unknown race or ethnicity									
All fields	67,385	73,246	57,882	53,992	48,088	41,651	35,858	34,707	36,577
S&E	7,530	9,853	5,668	4,927	4,180	3,679	3,036	3,140	3,075
Engineering	134	191	194	183	219	234	224	254	219
Aerospace	0	0	0	0	2	0	0	1	0
Chemical	2	0	0	0	5	4	3	2	0
Civil	1	3	4	1	2	3	2	2	2
Electrical	13	23	6	18	11	22	15	21	20
Industrial	12	3	9	2	6	9	3	8	7
Materials	0	0	0	0	0	0	1	0	0
Mechanical	6	10	11	7	18	20	13	17	18
Other	100	152	164	155	175	176	187	203	172
Science	7,396	9,662	5,474	4,744	3,961	3,445	2,812	2,886	2,856
Natural sciences	4,531	6,286	3,244	2,963	2,449	2,130	1,839	1,867	1,838
Agricultural sciences	96	99	94	77	88	82	77	83	91
Biological sciences	262	221	205	214	158	168	139	152	161
Earth, atmospheric, and ocean sciences	2	4	3	4	5	3	6	6	1
Atmospheric sciences	1	0	0	0	0	0	0	0	0
Earth sciences	1	4	1	4	5	1	6	6	1
Oceanography	0	0	2	0	0	2	0	0	0
Mathematics and computer sciences	3,955	5,762	2,710	2,465	2,001	1,634	1,415	1,397	1,375
Computer sciences	3,777	5,687	2,634	2,387	1,918	1,552	1,363	1,296	1,288
Mathematics and statistics	178	75	76	78	83	82	52	101	87
Physical sciences	216	200	232	203	197	243	202	229	210
Astronomy	0	0	1	1	0	0	0	1	0
Chemistry	32	31	38	35	29	33	22	24	17
Physics	20	20	18	22	21	13	11	35	30

Table SHED-3

Associate'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	164	149	175	145	147	197	169	169	163
Social and behavioral sciences	2,865	3,376	2,230	1,781	1,512	1,315	973	1,019	1,018
Psychology	223	288	339	263	269	296	256	329	290
Social sciences	2,642	3,088	1,891	1,518	1,243	1,019	717	690	728
Anthropology	18	21	15	18	14	23	14	16	14
Area and ethnic studies	9	8	10	7	10	6	16	8	18
Economics	24	22	22	20	12	17	25	50	41
Linguistics	0	0	0	4	0	0	0	0	0
Political science and public administration	659	1,069	604	489	425	372	229	214	294
Sociology	54	56	59	72	59	55	61	79	95
Other social sciences	1,878	1,912	1,181	908	723	546	372	323	266
Non-S&E	59,855	63,393	52,214	49,065	43,908	37,972	32,822	31,567	33,502
S&E technologies	11,631	14,513	10,356	10,713	7,785	5,932	4,648	4,362	5,048
Engineering technologies	2,499	4,690	2,072	1,879	1,668	1,418	1,113	1,112	1,146
Health technologies	9,018	9,728	8,167	8,720	6,001	4,419	3,429	3,128	3,797
Science technologies	75	69	73	75	85	72	84	88	78
Other S&E technologies	39	26	44	39	31	23	22	34	27
Temporary visa holder									
All fields	16,632	17,106	16,872	17,113	17,984	19,404	20,938	23,084	24,484
S&E	1,521	1,598	1,587	1,715	1,936	2,171	2,600	3,266	3,567
Engineering	184	239	174	196	228	237	355	428	418
Aerospace	0	0	1	0	0	0	0	0	0
Chemical	9	1	3	3	7	4	13	14	14
Civil	6	9	11	5	1	8	9	12	10
Electrical	10	11	9	14	12	19	13	27	18
Industrial	0	0	0	0	1	1	0	1	0
Materials	0	0	0	0	0	1	0	2	1
Mechanical	12	15	9	28	24	24	37	41	55
Other	147	203	141	146	183	180	283	331	320
Science	1,337	1,359	1,413	1,519	1,708	1,934	2,245	2,838	3,149
Natural sciences	986	970	969	1,081	1,203	1,329	1,603	2,001	2,296
Agricultural sciences	10	12	16	22	92	28	20	26	18
Biological sciences	92	93	114	112	92	115	143	170	270
Earth, atmospheric, and ocean sciences	2	2	3	1	1	0	6	1	0
Atmospheric sciences	1	0	0	0	0	0	0	0	0
Earth sciences	1	2	3	1	1	0	6	1	0

Table SHED-3

Associate'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	0	0	0	0	0	0	0	0	0
Mathematics and computer sciences	624	576	582	640	642	822	988	1,329	1,484
Computer sciences	549	490	513	545	547	667	777	1,069	1,181
Mathematics and statistics	75	86	69	95	95	155	211	260	303
Physical sciences	258	287	254	306	376	364	446	475	524
Astronomy	0	0	0	0	1	1	0	0	0
Chemistry	28	33	19	21	25	20	35	40	52
Physics	9	11	8	21	23	26	41	59	63
Other physical sciences	221	243	227	264	327	317	370	376	409
Social and behavioral sciences	351	389	444	438	505	605	642	837	853
Psychology	56	37	62	80	115	102	124	162	188
Social sciences	295	352	382	358	390	503	518	675	665
Anthropology	3	2	2	0	7	6	2	11	9
Area and ethnic studies	11	4	5	10	4	12	6	13	10
Economics	45	58	53	52	65	141	193	299	288
Linguistics	0	0	1	3	0	0	0	0	1
Political science and public administration	34	46	66	53	57	87	89	95	101
Sociology	12	16	18	13	18	20	21	28	38
Other social sciences	190	226	237	227	239	237	207	229	218
Non-S&E	15,111	15,508	15,285	15,398	16,048	17,233	18,338	19,818	20,917
S&E technologies	959	1,020	1,044	956	885	979	1,125	1,066	1,179
Engineering technologies	288	264	318	311	312	415	494	420	458
Health technologies	636	712	677	602	537	522	585	610	659
Science technologies	35	44	49	43	36	42	46	36	62
Other S&E technologies	0	0	0	0	0	0	0	0	0
Male									
All citizenships, races, and ethnicity									
All fields	363,998	395,343	391,816	394,169	400,407	395,664	397,404	401,893	410,177
S&E	43,490	48,864	48,607	49,753	50,540	47,703	49,784	52,733	54,632
Engineering	2,557	3,048	3,329	3,819	4,309	4,616	5,096	5,433	5,420
Aerospace	0	3	1	0	1	0	0	2	12
Chemical	24	11	14	12	37	28	28	24	35
Civil	55	70	95	84	91	100	121	103	98
Electrical	172	189	173	293	308	336	353	365	346
Industrial	61	59	56	64	91	68	62	62	61
Materials	5	1	5	8	10	11	13	5	7

Table SHED-3

Associate'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	124	164	164	195	174	271	277	271	339
Other	2,116	2,551	2,821	3,163	3,597	3,802	4,242	4,601	4,522
Science	40,933	45,816	45,278	45,934	46,231	43,087	44,688	47,300	49,212
Natural sciences	34,432	38,429	37,134	37,188	37,036	32,945	34,027	35,819	36,683
Agricultural sciences	1,364	1,585	1,469	1,485	1,623	1,528	1,607	1,668	1,632
Biological sciences	1,192	1,357	1,405	1,542	1,689	1,862	1,795	2,125	2,251
Earth, atmospheric, and ocean sciences	63	69	77	94	97	95	101	74	95
Atmospheric sciences	7	9	3	5	2	1	0	0	0
Earth sciences	29	42	43	60	69	68	99	74	92
Oceanography	27	18	31	29	26	26	2	0	3
Mathematics and computer sciences	30,140	33,410	31,911	31,504	30,772	26,294	27,245	28,110	28,742
Computer sciences	29,115	32,360	30,668	30,012	28,857	24,134	24,875	25,230	25,543
Mathematics and statistics	1,025	1,050	1,243	1,492	1,915	2,160	2,370	2,880	3,199
Physical sciences	1,673	2,008	2,272	2,563	2,855	3,166	3,279	3,842	3,963
Astronomy	0	2	3	7	5	5	9	7	9
Chemistry	222	276	314	384	443	411	396	516	573
Physics	194	252	290	389	559	701	761	994	1,128
Other physical sciences	1,257	1,478	1,665	1,783	1,848	2,049	2,113	2,325	2,253
Social and behavioral sciences	6,501	7,387	8,144	8,746	9,195	10,142	10,661	11,481	12,529
Psychology	896	1,092	1,496	1,795	2,050	2,591	2,672	2,921	3,403
Social sciences	5,605	6,295	6,648	6,951	7,145	7,551	7,989	8,560	9,126
Anthropology	67	127	115	126	151	198	233	265	301
Area and ethnic studies	66	63	100	131	148	155	181	238	307
Economics	209	240	284	263	325	527	778	1,019	1,368
Linguistics	0	0	1	12	2	1	1	2	4
Political science and public administration	811	1,069	1,186	1,308	1,357	1,425	1,584	1,683	1,741
Sociology	221	292	428	532	682	821	972	1,154	1,230
Other social sciences	4,231	4,504	4,534	4,579	4,480	4,424	4,240	4,199	4,175
Non-S&E	320,508	346,479	343,209	344,416	349,867	347,961	347,620	349,160	355,545
S&E technologies	52,795	58,268	54,566	51,978	51,343	47,851	47,071	46,251	45,134
Engineering technologies	33,301	35,717	32,699	30,353	30,401	27,404	27,195	26,975	26,130
Health technologies	17,536	20,403	19,602	19,248	18,328	17,670	16,868	16,275	16,041
Science technologies	1,265	1,378	1,492	1,479	1,599	1,905	2,129	2,055	2,038
Other S&E technologies	693	770	773	898	1,015	872	879	946	925
U.S. citizen or permanent resident									
All fields	357,187	388,220	384,765	386,969	392,647	387,028	388,035	391,397	399,209

Table SHED-3

Associate'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	42,590	47,893	47,693	48,762	49,392	46,414	48,223	50,753	52,568
Engineering	2,399	2,848	3,180	3,655	4,127	4,443	4,829	5,110	5,104
Aerospace	0	3	0	0	1	0	0	2	12
Chemical	18	10	12	11	33	24	20	19	26
Civil	49	63	86	80	90	93	116	93	90
Electrical	163	180	164	281	298	322	342	341	332
Industrial	61	59	56	64	90	67	62	61	61
Materials	5	1	5	8	10	10	13	4	6
Mechanical	112	149	155	171	155	253	250	236	289
Other	1,991	2,383	2,702	3,040	3,450	3,674	4,026	4,354	4,288
Science	40,191	45,045	44,513	45,107	45,265	41,971	43,394	45,643	47,464
Natural sciences	33,796	37,778	36,510	36,481	36,249	32,069	32,955	34,500	35,277
Agricultural sciences	1,358	1,578	1,461	1,472	1,553	1,506	1,596	1,656	1,622
Biological sciences	1,155	1,321	1,368	1,500	1,658	1,825	1,749	2,071	2,180
Earth, atmospheric, and ocean sciences	61	67	76	93	96	95	98	73	95
Atmospheric sciences	6	9	3	5	2	1	0	0	0
Earth sciences	28	40	42	59	68	68	96	73	92
Oceanography	27	18	31	29	26	26	2	0	3
Mathematics and computer sciences	29,702	32,984	31,480	31,051	30,337	25,710	26,540	27,160	27,728
Computer sciences	28,732	31,988	30,284	29,611	28,483	23,651	24,295	24,435	24,698
Mathematics and statistics	970	996	1,196	1,440	1,854	2,059	2,245	2,725	3,030
Physical sciences	1,520	1,828	2,125	2,365	2,605	2,933	2,972	3,540	3,652
Astronomy	0	2	3	7	4	5	9	7	9
Chemistry	210	262	307	372	430	406	381	496	554
Physics	189	244	285	375	543	682	737	960	1,087
Other physical sciences	1,121	1,320	1,530	1,611	1,628	1,840	1,845	2,077	2,002
Social and behavioral sciences	6,395	7,267	8,003	8,626	9,016	9,902	10,439	11,143	12,187
Psychology	884	1,087	1,482	1,783	2,020	2,569	2,640	2,876	3,354
Social sciences	5,511	6,180	6,521	6,843	6,996	7,333	7,799	8,267	8,833
Anthropology	67	126	115	126	148	195	232	262	294
Area and ethnic studies	61	63	100	130	147	154	181	231	304
Economics	187	203	252	235	292	450	691	859	1,226
Linguistics	0	0	1	11	2	1	1	2	4
Political science and public administration	801	1,057	1,164	1,295	1,347	1,394	1,554	1,648	1,695
Sociology	219	286	421	530	678	814	968	1,146	1,218
Other social sciences	4,176	4,445	4,468	4,516	4,382	4,325	4,172	4,119	4,092

Table SHED-3

Associate'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	314,597	340,327	337,072	338,207	343,255	340,614	339,812	340,644	346,641
S&E technologies	52,397	57,871	54,115	51,531	50,970	47,381	46,545	45,785	44,592
Engineering technologies	33,074	35,516	32,445	30,100	30,173	27,094	26,833	26,661	25,772
Health technologies	17,383	20,229	19,432	19,068	18,201	17,533	16,735	16,140	15,894
Science technologies	1,247	1,356	1,465	1,465	1,581	1,882	2,098	2,038	2,001
Other S&E technologies	693	770	773	898	1,015	872	879	946	925
Hispanic or Latino									
All fields	46,421	56,242	59,426	63,631	69,190	74,362	78,276	84,514	91,697
S&E	4,979	6,197	7,163	8,202	8,958	9,448	10,461	11,677	12,699
Engineering	341	365	469	602	683	817	961	1,011	1,054
Aerospace	0	0	0	0	0	0	0	0	1
Chemical	3	1	2	2	2	1	1	4	4
Civil	7	16	23	40	36	40	45	40	27
Electrical	41	30	36	62	61	71	78	69	80
Industrial	2	9	5	11	22	6	10	7	3
Materials	0	0	0	1	1	1	6	3	2
Mechanical	31	27	27	28	29	54	75	63	72
Other	257	282	376	458	532	644	746	825	865
Science	4,638	5,832	6,694	7,600	8,275	8,631	9,500	10,666	11,645
Natural sciences	3,443	4,227	4,713	5,140	5,495	5,178	5,638	6,392	6,874
Agricultural sciences	28	44	67	73	83	98	98	116	141
Biological sciences	225	293	331	373	460	521	542	638	722
Earth, atmospheric, and ocean sciences	1	7	8	9	9	16	22	15	20
Atmospheric sciences	0	0	0	0	0	0	0	0	0
Earth sciences	1	7	7	8	8	16	22	15	20
Oceanography	0	0	1	1	1	0	0	0	0
Mathematics and computer sciences	2,974	3,559	3,919	4,190	4,302	3,788	4,204	4,609	4,869
Computer sciences	2,771	3,288	3,598	3,704	3,728	3,041	3,422	3,595	3,765
Mathematics and statistics	203	271	321	486	574	747	782	1,014	1,104
Physical sciences	215	324	388	495	641	755	772	1,014	1,122
Astronomy	0	0	1	2	2	1	3	3	3
Chemistry	40	59	76	101	127	120	109	162	179
Physics	50	73	94	126	185	275	283	411	448
Other physical sciences	125	192	217	266	327	359	377	438	492
Social and behavioral sciences	1,195	1,605	1,981	2,460	2,780	3,453	3,862	4,274	4,771
Psychology	238	308	454	629	792	1,093	1,165	1,336	1,512

Table SHED-3

Associate'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	957	1,297	1,527	1,831	1,988	2,360	2,697	2,938	3,259
Anthropology	14	43	44	34	39	72	89	107	109
Area and ethnic studies	13	16	28	34	38	39	55	75	92
Economics	49	52	71	81	96	145	206	284	402
Linguistics	0	0	0	4	1	0	0	1	0
Political science and public administration	126	155	179	257	309	351	488	511	571
Sociology	61	101	143	226	311	427	498	625	660
Other social sciences	694	930	1,062	1,195	1,194	1,326	1,361	1,335	1,425
Non-S&E	41,442	50,045	52,263	55,429	60,232	64,914	67,815	72,837	78,998
S&E technologies	6,571	8,015	7,746	7,601	7,859	7,655	7,799	8,318	8,356
Engineering technologies	3,906	4,560	4,224	3,929	4,056	3,757	3,749	4,028	4,163
Health technologies	2,436	3,175	3,195	3,322	3,371	3,424	3,468	3,645	3,539
Science technologies	145	201	234	228	285	377	468	501	511
Other S&E technologies	84	79	93	122	147	97	114	144	143
Not Hispanic or Latino									
All fields	310,766	331,978	325,339	323,338	323,457	312,666	309,759	306,883	307,512
S&E	37,611	41,696	40,530	40,560	40,434	36,966	37,762	39,076	39,869
Engineering	2,058	2,483	2,711	3,053	3,444	3,626	3,868	4,099	4,050
Aerospace	0	3	0	0	1	0	0	2	11
Chemical	15	9	10	9	31	23	19	15	22
Civil	42	47	63	40	54	53	71	53	63
Electrical	122	150	128	219	237	251	264	272	252
Industrial	59	50	51	53	68	61	52	54	58
Materials	5	1	5	7	9	9	7	1	4
Mechanical	81	122	128	143	126	199	175	173	217
Other	1,734	2,101	2,326	2,582	2,918	3,030	3,280	3,529	3,423
Science	35,553	39,213	37,819	37,507	36,990	33,340	33,894	34,977	35,819
Natural sciences	30,353	33,551	31,797	31,341	30,754	26,891	27,317	28,108	28,403
Agricultural sciences	1,330	1,534	1,394	1,399	1,470	1,408	1,498	1,540	1,481
Biological sciences	930	1,028	1,037	1,127	1,198	1,304	1,207	1,433	1,458
Earth, atmospheric, and ocean sciences	60	60	68	84	87	79	76	58	75
Atmospheric sciences	6	9	3	5	2	1	0	0	0
Earth sciences	27	33	35	51	60	52	74	58	72
Oceanography	27	18	30	28	25	26	2	0	3
Mathematics and computer sciences	26,728	29,425	27,561	26,861	26,035	21,922	22,336	22,551	22,859
Computer sciences	25,961	28,700	26,686	25,907	24,755	20,610	20,873	20,840	20,933

Table SHED-3

Associate'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	767	725	875	954	1,280	1,312	1,463	1,711	1,926
Physical sciences	1,305	1,504	1,737	1,870	1,964	2,178	2,200	2,526	2,530
Astronomy	0	2	2	5	2	4	6	4	6
Chemistry	170	203	231	271	303	286	272	334	375
Physics	139	171	191	249	358	407	454	549	639
Other physical sciences	996	1,128	1,313	1,345	1,301	1,481	1,468	1,639	1,510
Social and behavioral sciences	5,200	5,662	6,022	6,166	6,236	6,449	6,577	6,869	7,416
Psychology	646	779	1,028	1,154	1,228	1,476	1,475	1,540	1,842
Social sciences	4,554	4,883	4,994	5,012	5,008	4,973	5,102	5,329	5,574
Anthropology	53	83	71	92	109	123	143	155	185
Area and ethnic studies	48	47	72	96	109	115	126	156	212
Economics	138	151	181	154	196	305	485	575	824
Linguistics	0	0	1	7	1	1	1	1	4
Political science and public administration	675	902	985	1,038	1,038	1,043	1,066	1,137	1,124
Sociology	158	185	278	304	367	387	470	521	558
Other social sciences	3,482	3,515	3,406	3,321	3,188	2,999	2,811	2,784	2,667
Non-S&E	273,155	290,282	284,809	282,778	283,023	275,700	271,997	267,807	267,643
S&E technologies	45,826	49,856	46,369	43,930	43,111	39,726	38,746	37,467	36,236
Engineering technologies	29,168	30,956	28,221	26,171	26,117	23,337	23,084	22,633	21,609
Health technologies	14,947	17,054	16,237	15,746	14,830	14,109	13,267	12,495	12,355
Science technologies	1,102	1,155	1,231	1,237	1,296	1,505	1,630	1,537	1,490
Other S&E technologies	609	691	680	776	868	775	765	802	782
American Indian or Alaska Native									
All fields	3,455	3,605	3,420	3,474	3,408	3,186	3,238	3,239	3,057
S&E	490	488	501	525	486	434	447	454	427
Engineering	36	20	33	29	28	28	42	33	30
Aerospace	0	0	0	0	0	0	0	0	0
Chemical	0	0	0	0	1	1	0	1	0
Civil	0	0	1	3	0	2	1	1	0
Electrical	1	0	0	1	2	0	2	2	1
Industrial	2	0	0	0	1	0	0	1	0
Materials	0	0	1	0	1	0	0	0	0
Mechanical	0	0	2	0	1	1	0	0	0
Other	33	20	29	25	22	24	39	28	29
Science	454	468	468	496	458	406	405	421	397
Natural sciences	302	338	350	375	321	282	279	296	273

Table SHED-3

Associate'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	38	41	39	57	52	41	36	37	35
Biological sciences	10	20	25	17	17	18	18	29	19
Earth, atmospheric, and ocean sciences	0	2	2	4	6	3	3	0	8
Atmospheric sciences	0	0	0	0	0	0	0	0	0
Earth sciences	0	2	1	4	6	3	3	0	7
Oceanography	0	0	1	0	0	0	0	0	1
Mathematics and computer sciences	229	254	256	273	219	199	199	198	181
Computer sciences	216	237	247	260	207	189	189	182	171
Mathematics and statistics	13	17	9	13	12	10	10	16	10
Physical sciences	25	21	28	24	27	21	23	32	30
Astronomy	0	0	0	0	0	0	0	0	0
Chemistry	1	4	1	4	2	1	0	3	0
Physics	1	1	2	2	3	2	2	4	0
Other physical sciences	23	16	25	18	22	18	21	25	30
Social and behavioral sciences	152	130	118	121	137	124	126	125	124
Psychology	24	16	17	12	20	29	30	21	25
Social sciences	128	114	101	109	117	95	96	104	99
Anthropology	3	3	0	1	2	2	5	1	2
Area and ethnic studies	27	22	22	34	27	31	16	25	38
Economics	0	4	1	1	3	0	1	2	9
Linguistics	0	0	0	0	0	0	0	0	0
Political science and public administration	15	18	18	17	13	14	7	18	16
Sociology	1	3	4	7	8	6	11	12	8
Other social sciences	82	64	56	49	64	42	56	46	26
Non-S&E	2,965	3,117	2,919	2,949	2,922	2,752	2,791	2,785	2,630
S&E technologies	477	502	510	469	481	429	365	381	374
Engineering technologies	328	322	335	294	318	261	224	245	242
Health technologies	136	163	159	160	141	144	116	116	115
Science technologies	8	12	9	10	8	12	16	15	15
Other S&E technologies	5	5	7	5	14	12	9	5	2
Asian									
All fields	16,135	17,408	18,370	19,053	19,922	21,069	22,249	23,564	25,715
S&E	2,230	2,549	3,002	3,122	3,492	3,705	4,142	4,696	5,126
Engineering	170	218	235	294	321	358	452	492	466
Aerospace	0	0	0	0	0	0	0	0	1
Chemical	1	1	2	0	2	5	1	3	1

Table SHED-3

Associate'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	3	3	3	4	10	7	5	10	11
Electrical	11	16	15	25	25	29	32	40	30
Industrial	0	2	1	0	3	0	1	1	4
Materials	0	0	0	0	0	0	0	0	0
Mechanical	9	10	14	14	9	17	24	20	27
Other	146	186	200	251	272	300	389	418	392
Science	2,060	2,331	2,767	2,828	3,171	3,347	3,690	4,204	4,660
Natural sciences	1,606	1,812	2,068	2,148	2,402	2,429	2,700	3,182	3,439
Agricultural sciences	8	8	14	15	17	12	7	15	15
Biological sciences	141	163	172	177	181	206	221	275	291
Earth, atmospheric, and ocean sciences	2	4	0	1	4	2	0	6	2
Atmospheric sciences	0	0	0	0	0	0	0	0	0
Earth sciences	2	2	0	1	4	2	0	6	2
Oceanography	0	2	0	0	0	0	0	0	0
Mathematics and computer sciences	1,277	1,385	1,605	1,630	1,807	1,823	2,070	2,371	2,574
Computer sciences	1,154	1,255	1,421	1,424	1,513	1,518	1,681	1,879	1,988
Mathematics and statistics	123	130	184	206	294	305	389	492	586
Physical sciences	178	252	277	325	393	386	402	515	557
Astronomy	0	0	1	1	0	1	0	1	1
Chemistry	46	64	68	71	80	64	60	77	104
Physics	15	35	41	66	88	94	114	149	192
Other physical sciences	117	153	167	187	225	227	228	288	260
Social and behavioral sciences	454	519	699	680	769	918	990	1,022	1,221
Psychology	58	82	119	168	180	232	256	276	314
Social sciences	396	437	580	512	589	686	734	746	907
Anthropology	4	6	10	9	7	13	19	14	26
Area and ethnic studies	1	4	6	4	4	6	15	15	12
Economics	24	27	30	22	44	69	121	127	226
Linguistics	0	0	1	1	0	0	1	1	1
Political science and public administration	24	22	45	45	62	74	78	102	109
Sociology	16	21	47	52	65	79	119	112	103
Other social sciences	327	357	441	379	407	445	381	375	430
Non-S&E	13,905	14,859	15,368	15,931	16,430	17,364	18,107	18,868	20,589
S&E technologies	2,040	2,291	2,232	2,249	2,288	2,169	2,189	2,195	2,245
Engineering technologies	880	847	876	813	891	742	769	843	814
Health technologies	1,092	1,346	1,270	1,349	1,280	1,276	1,273	1,197	1,304

Table SHED-3

Associate'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
Science technologies	36	65	58	70	84	114	109	117	99
Other S&E technologies	32	33	28	17	33	37	38	38	28
Black or African American									
All fields	38,350	42,257	42,625	43,152	44,919	42,671	41,439	40,212	39,779
S&E	4,765	5,135	5,469	5,777	5,868	4,565	4,612	4,726	4,652
Engineering	152	201	212	271	289	348	350	383	366
Aerospace	0	0	0	0	0	0	0	0	0
Chemical	1	0	3	1	0	1	3	0	1
Civil	2	1	4	6	4	6	9	8	3
Electrical	18	14	11	40	50	56	46	48	39
Industrial	2	3	3	0	7	6	3	3	5
Materials	0	0	0	0	0	0	0	0	0
Mechanical	0	4	3	7	3	9	8	8	7
Other	129	179	188	217	225	270	281	316	311
Science	4,613	4,934	5,257	5,506	5,579	4,217	4,262	4,343	4,286
Natural sciences	3,938	4,138	4,412	4,538	4,556	3,241	3,216	3,276	3,264
Agricultural sciences	8	14	14	20	20	11	14	16	27
Biological sciences	89	102	106	118	141	140	168	165	137
Earth, atmospheric, and ocean sciences	2	0	1	1	2	3	1	1	0
Atmospheric sciences	0	0	0	0	0	1	0	0	0
Earth sciences	2	0	1	1	2	2	1	1	0
Oceanography	0	0	0	0	0	0	0	0	0
Mathematics and computer sciences	3,708	3,892	4,153	4,242	4,235	2,898	2,851	2,873	2,895
Computer sciences	3,659	3,843	4,110	4,195	4,173	2,831	2,778	2,781	2,818
Mathematics and statistics	49	49	43	47	62	67	73	92	77
Physical sciences	131	130	138	157	158	189	182	221	205
Astronomy	0	0	0	0	0	1	0	1	0
Chemistry	6	9	11	9	18	13	14	22	15
Physics	16	8	6	8	7	12	14	19	20
Other physical sciences	109	113	121	140	133	163	154	179	170
Social and behavioral sciences	675	796	845	968	1,023	976	1,046	1,067	1,022
Psychology	61	81	119	125	142	192	191	198	209
Social sciences	614	715	726	843	881	784	855	869	813
Anthropology	1	4	3	0	5	2	2	6	4
Area and ethnic studies	5	9	10	22	19	21	26	33	42
Economics	13	3	10	12	7	23	25	26	24

Table SHED-3

Associate'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	0	0	0	2	0	0	0	0	0
Political science and public administration	168	240	232	286	302	253	268	268	241
Sociology	24	34	45	54	59	72	81	100	118
Other social sciences	403	425	426	467	489	413	453	436	384
Non-S&E	33,585	37,122	37,156	37,375	39,051	38,106	36,827	35,486	35,127
S&E technologies	5,916	6,265	6,213	5,803	6,181	5,187	4,888	4,405	4,216
Engineering technologies	3,612	3,658	3,714	3,371	3,602	2,720	2,562	2,302	2,260
Health technologies	2,116	2,380	2,269	2,148	2,276	2,098	1,971	1,747	1,592
Science technologies	119	131	160	168	174	238	248	238	257
Other S&E technologies	69	96	70	116	129	131	107	118	107
Native Hawaiian or Other Pacific Islander									
All fields	1,864	1,834	1,914	1,888	1,715	1,648	1,644	1,660	1,607
S&E	227	259	289	264	230	199	228	246	226
Engineering	20	17	17	19	14	13	11	17	13
Aerospace	0	0	0	0	0	0	0	0	0
Chemical	0	0	0	0	0	0	0	0	0
Civil	0	1	0	0	0	0	0	1	1
Electrical	2	2	2	2	3	2	6	4	0
Industrial	0	0	0	0	0	0	1	0	0
Materials	0	0	0	0	0	0	0	0	0
Mechanical	0	2	0	0	1	2	0	0	1
Other	18	12	15	17	10	9	4	12	11
Science	207	242	272	245	216	186	217	229	213
Natural sciences	136	167	178	189	154	119	157	156	156
Agricultural sciences	5	15	11	14	16	17	23	33	21
Biological sciences	26	12	16	16	13	9	11	20	21
Earth, atmospheric, and ocean sciences	0	0	0	0	0	0	0	0	0
Atmospheric sciences	0	0	0	0	0	0	0	0	0
Earth sciences	0	0	0	0	0	0	0	0	0
Oceanography	0	0	0	0	0	0	0	0	0
Mathematics and computer sciences	99	133	140	148	116	81	115	94	108
Computer sciences	97	132	137	145	112	76	107	85	102
Mathematics and statistics	2	1	3	3	4	5	8	9	6
Physical sciences	6	7	11	11	9	12	8	9	6
Astronomy	0	0	0	0	0	0	0	0	0
Chemistry	0	1	0	1	1	1	1	0	1

Table SHED-3

Associate'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	0	0	0	0	2	2	1	4	0
Other physical sciences	6	6	11	10	6	9	6	5	5
Social and behavioral sciences	71	75	94	56	62	67	60	73	57
Psychology	5	9	6	9	5	11	12	2	8
Social sciences	66	66	88	47	57	56	48	71	49
Anthropology	1	1	0	0	1	0	2	4	0
Area and ethnic studies	1	3	5	3	4	7	3	2	3
Economics	0	0	0	0	0	3	3	2	2
Linguistics	0	0	0	0	0	0	0	0	0
Political science and public administration	6	3	6	1	6	4	5	7	8
Sociology	2	4	3	4	2	4	6	10	3
Other social sciences	56	55	74	39	44	38	29	46	33
Non-S&E	1,637	1,575	1,625	1,624	1,485	1,449	1,416	1,414	1,381
S&E technologies	231	232	270	237	209	213	215	192	172
Engineering technologies	88	87	113	82	80	84	100	83	68
Health technologies	135	132	153	146	118	119	109	101	99
Science technologies	3	5	1	3	2	6	1	3	1
Other S&E technologies	5	8	3	6	9	4	5	5	4
White									
All fields	220,100	230,525	228,973	225,571	224,271	215,830	214,681	210,862	208,191
S&E	25,344	26,848	27,232	26,983	26,749	24,469	24,995	25,394	25,630
Engineering	1,550	1,841	1,992	2,223	2,521	2,546	2,691	2,808	2,823
Aerospace	0	2	0	0	1	0	0	2	9
Chemical	12	8	5	8	20	14	11	9	19
Civil	35	39	49	24	38	35	52	29	46
Electrical	78	97	93	132	141	134	157	150	148
Industrial	45	43	39	50	50	47	44	41	44
Materials	5	1	4	7	8	9	6	1	4
Mechanical	62	92	93	111	94	145	123	124	149
Other	1,313	1,559	1,709	1,891	2,169	2,162	2,298	2,452	2,404
Science	23,794	25,007	25,240	24,760	24,228	21,923	22,304	22,586	22,807
Natural sciences	20,711	21,762	21,768	21,138	20,666	18,319	18,655	18,778	18,707
Agricultural sciences	1,197	1,372	1,239	1,224	1,279	1,239	1,337	1,362	1,289
Biological sciences	562	632	607	678	739	821	687	821	844
Earth, atmospheric, and ocean sciences	53	52	62	74	71	69	68	47	60
Atmospheric sciences	5	9	3	5	2	0	0	0	0

Table SHED-3

Associate'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	4	6	5	5	3	7	8	7	16
Other	18	16	42	61	71	108	107	130	144
Science	388	557	888	1,023	1,193	1,400	1,412	1,571	1,828
Natural sciences	298	395	652	735	843	965	966	1,067	1,224
Agricultural sciences	12	16	19	25	29	37	30	28	45
Biological sciences	14	21	29	34	43	51	53	73	92
Earth, atmospheric, and ocean sciences	1	0	1	1	1	0	1	2	5
Atmospheric sciences	0	0	0	0	0	0	0	0	0
Earth sciences	1	0	1	0	1	0	1	2	5
Oceanography	0	0	0	1	0	0	0	0	0
Mathematics and computer sciences	249	322	529	585	666	762	762	816	927
Computer sciences	236	306	494	555	601	682	677	712	792
Mathematics and statistics	13	16	35	30	65	80	85	104	135
Physical sciences	22	36	74	90	104	115	120	148	155
Astronomy	0	0	0	0	0	0	0	0	0
Chemistry	2	3	9	18	12	14	18	17	21
Physics	0	5	7	11	24	34	22	35	50
Other physical sciences	20	28	58	61	68	67	80	96	84
Social and behavioral sciences	90	162	236	288	350	435	446	504	604
Psychology	12	20	35	44	83	104	115	127	148
Social sciences	78	142	201	244	267	331	331	377	456
Anthropology	0	4	3	3	5	9	6	11	22
Area and ethnic studies	0	1	5	7	10	12	11	18	31
Economics	4	3	10	6	5	15	23	47	57
Linguistics	0	0	0	1	0	0	0	0	0
Political science and public administration	7	16	24	40	46	53	54	58	64
Sociology	8	9	11	21	27	24	38	50	52
Other social sciences	59	109	148	166	174	218	199	193	230
Non-S&E	3,535	4,535	6,053	7,357	8,207	9,218	9,678	10,749	11,753
S&E technologies	476	643	865	1,006	1,020	1,103	1,115	1,118	1,249
Engineering technologies	258	306	521	585	601	581	604	634	665
Health technologies	203	305	292	324	365	438	433	416	497
Science technologies	6	18	39	51	28	46	48	53	46
Other S&E technologies	9	14	13	46	26	38	30	15	41
Other or unknown race or ethnicity									
All fields	26,916	31,233	23,043	21,749	19,737	17,520	15,291	14,877	15,403

Table SHED-3

Associate'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	4,144	5,836	3,096	2,795	2,331	2,070	1,799	1,840	1,801
Engineering	107	162	169	146	186	209	195	217	173
Aerospace	0	0	0	0	0	0	0	0	0
Chemical	1	0	0	0	5	2	3	1	0
Civil	1	2	4	1	2	2	2	2	2
Electrical	12	21	3	17	10	22	12	20	17
Industrial	10	2	8	2	5	8	3	7	5
Materials	0	0	0	0	0	0	1	0	0
Mechanical	6	8	11	6	15	18	12	14	17
Other	77	129	143	120	149	157	162	173	132
Science	4,037	5,674	2,927	2,649	2,145	1,861	1,604	1,623	1,628
Natural sciences	3,362	4,939	2,369	2,218	1,812	1,536	1,344	1,353	1,340
Agricultural sciences	62	68	58	44	57	51	51	49	49
Biological sciences	88	78	82	87	64	59	49	50	54
Earth, atmospheric, and ocean sciences	2	2	2	3	3	2	3	2	0
Atmospheric sciences	1	0	0	0	0	0	0	0	0
Earth sciences	1	2	1	3	3	1	3	2	0
Oceanography	0	0	1	0	0	1	0	0	0
Mathematics and computer sciences	3,075	4,651	2,061	1,943	1,568	1,274	1,120	1,115	1,096
Computer sciences	2,977	4,590	2,000	1,890	1,515	1,215	1,085	1,036	1,038
Mathematics and statistics	98	61	61	53	53	59	35	79	58
Physical sciences	135	140	166	141	120	150	121	137	141
Astronomy	0	0	1	1	0	0	0	0	0
Chemistry	13	21	22	23	19	19	8	9	8
Physics	16	17	16	18	13	11	9	27	19
Other physical sciences	106	102	127	99	88	120	104	101	114
Social and behavioral sciences	675	735	558	431	333	325	260	270	288
Psychology	53	70	101	66	58	76	66	71	81
Social sciences	622	665	457	365	275	249	194	199	207
Anthropology	5	8	4	5	6	7	5	8	4
Area and ethnic studies	3	3	6	1	6	2	7	2	7
Economics	16	14	14	10	4	14	16	29	28
Linguistics	0	0	0	2	0	0	0	0	0
Political science and public administration	95	166	101	93	66	76	41	51	53
Sociology	18	15	17	13	20	13	15	20	25
Other social sciences	485	459	315	241	173	137	110	89	90

Table SHED-3

Associate'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	22,772	25,397	19,947	18,954	17,406	15,450	13,492	13,037	13,602
S&E technologies	3,582	5,647	3,075	2,993	2,406	2,055	1,639	1,696	1,722
Engineering technologies	2,198	4,150	1,811	1,663	1,439	1,231	971	963	991
Health technologies	1,304	1,437	1,187	1,254	900	769	614	668	671
Science technologies	50	39	44	41	42	35	39	37	37
Other S&E technologies	30	21	33	35	25	20	15	28	23
Temporary visa holder									
All fields	6,811	7,123	7,051	7,200	7,760	8,636	9,369	10,496	10,968
S&E	900	971	914	991	1,148	1,289	1,561	1,980	2,064
Engineering	158	200	149	164	182	173	267	323	316
Aerospace	0	0	1	0	0	0	0	0	0
Chemical	6	1	2	1	4	4	8	5	9
Civil	6	7	9	4	1	7	5	10	8
Electrical	9	9	9	12	10	14	11	24	14
Industrial	0	0	0	0	1	1	0	1	0
Materials	0	0	0	0	0	1	0	1	1
Mechanical	12	15	9	24	19	18	27	35	50
Other	125	168	119	123	147	128	216	247	234
Science	742	771	765	827	966	1,116	1,294	1,657	1,748
Natural sciences	636	651	624	707	787	876	1,072	1,319	1,406
Agricultural sciences	6	7	8	13	70	22	11	12	10
Biological sciences	37	36	37	42	31	37	46	54	71
Earth, atmospheric, and ocean sciences	2	2	1	1	1	0	3	1	0
Atmospheric sciences	1	0	0	0	0	0	0	0	0
Earth sciences	1	2	1	1	1	0	3	1	0
Oceanography	0	0	0	0	0	0	0	0	0
Mathematics and computer sciences	438	426	431	453	435	584	705	950	1,014
Computer sciences	383	372	384	401	374	483	580	795	845
Mathematics and statistics	55	54	47	52	61	101	125	155	169
Physical sciences	153	180	147	198	250	233	307	302	311
Astronomy	0	0	0	0	1	0	0	0	0
Chemistry	12	14	7	12	13	5	15	20	19
Physics	5	8	5	14	16	19	24	34	41
Other physical sciences	136	158	135	172	220	209	268	248	251
Social and behavioral sciences	106	120	141	120	179	240	222	338	342
Psychology	12	5	14	12	30	22	32	45	49

Table SHED-3

Associate'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	94	115	127	108	149	218	190	293	293
Anthropology	0	1	0	0	3	3	1	3	7
Area and ethnic studies	5	0	0	1	1	1	0	7	3
Economics	22	37	32	28	33	77	87	160	142
Linguistics	0	0	0	1	0	0	0	0	0
Political science and public administration	10	12	22	13	10	31	30	35	46
Sociology	2	6	7	2	4	7	4	8	12
Other social sciences	55	59	66	63	98	99	68	80	83
Non-S&E	5,911	6,152	6,137	6,209	6,612	7,347	7,808	8,516	8,904
S&E technologies	398	397	451	447	373	470	526	466	542
Engineering technologies	227	201	254	253	228	310	362	314	358
Health technologies	153	174	170	180	127	137	133	135	147
Science technologies	18	22	27	14	18	23	31	17	37
Other S&E technologies	0	0	0	0	0	0	0	0	0
Female									
All citizenships, races, and ethnicity									
All fields	585,965	631,193	623,395	618,354	623,780	622,196	617,170	618,385	634,952
S&E	32,531	35,921	37,191	38,223	40,049	41,129	42,866	45,780	49,803
Engineering	437	489	542	590	695	798	952	1,093	1,072
Aerospace	0	0	0	0	2	0	0	1	1
Chemical	7	2	8	9	13	10	14	17	12
Civil	16	23	26	26	12	26	26	24	24
Electrical	27	20	29	26	38	28	36	55	77
Industrial	8	8	8	2	8	4	6	18	9
Materials	1	0	1	3	1	1	0	4	0
Mechanical	15	13	20	18	35	36	39	62	49
Other	363	423	450	506	586	693	831	912	900
Science	32,094	35,432	36,649	37,633	39,354	40,331	41,914	44,687	48,731
Natural sciences	13,629	14,514	14,401	14,303	14,893	14,272	14,974	15,957	17,379
Agricultural sciences	774	941	923	999	1,055	1,145	1,174	1,301	1,316
Biological sciences	2,248	2,671	2,935	3,147	3,382	3,599	3,942	4,406	5,194
Earth, atmospheric, and ocean sciences	32	34	35	42	56	57	50	55	61
Atmospheric sciences	3	0	1	1	1	0	0	0	0
Earth sciences	21	25	27	36	43	50	50	54	60
Oceanography	8	9	7	5	12	7	0	1	1
Mathematics and computer sciences	9,180	9,309	8,788	8,279	8,346	7,247	7,388	7,459	7,828

Table SHED-3

Associate'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	8,560	8,830	8,229	7,631	7,564	6,378	6,304	6,204	6,396
Mathematics and statistics	620	479	559	648	782	869	1,084	1,255	1,432
Physical sciences	1,395	1,559	1,720	1,836	2,054	2,224	2,420	2,736	2,980
Astronomy	1	2	1	2	0	2	3	5	7
Chemistry	237	257	312	320	385	423	512	579	624
Physics	66	66	88	127	179	209	245	383	413
Other physical sciences	1,091	1,234	1,319	1,387	1,490	1,590	1,660	1,769	1,936
Social and behavioral sciences	18,465	20,918	22,248	23,330	24,461	26,059	26,940	28,730	31,352
Psychology	2,970	3,621	4,622	5,734	6,686	8,011	8,610	9,567	11,078
Social sciences	15,495	17,297	17,626	17,596	17,775	18,048	18,330	19,163	20,274
Anthropology	164	212	211	258	290	461	493	557	647
Area and ethnic studies	150	126	154	210	217	230	219	299	306
Economics	148	162	200	171	250	355	565	724	908
Linguistics	0	1	2	18	6	8	1	2	5
Political science and public administration	3,781	4,743	5,363	5,603	5,478	5,169	5,145	5,016	4,916
Sociology	641	779	1,170	1,518	1,872	2,451	2,904	3,601	4,293
Other social sciences	10,611	11,274	10,526	9,818	9,662	9,374	9,003	8,964	9,199
Non-S&E	553,434	595,272	586,204	580,131	583,731	581,067	574,304	572,605	585,149
S&E technologies	95,841	107,364	102,007	96,988	92,755	88,729	85,510	80,158	78,048
Engineering technologies	4,921	4,913	4,776	4,285	4,363	4,300	4,366	4,463	4,601
Health technologies	90,041	101,383	96,137	91,531	87,185	83,126	79,612	73,994	71,666
Science technologies	716	852	865	986	993	1,128	1,318	1,421	1,504
Other S&E technologies	163	216	229	186	214	175	214	280	277
U.S. citizen or permanent resident									
All fields	576,144	621,210	613,574	608,441	613,556	611,428	605,601	605,797	621,436
S&E	31,910	35,294	36,518	37,499	39,261	40,247	41,827	44,494	48,300
Engineering	411	450	517	558	649	734	864	988	970
Aerospace	0	0	0	0	2	0	0	1	1
Chemical	4	2	7	7	10	10	9	8	7
Civil	16	21	24	25	12	25	22	22	22
Electrical	26	18	29	24	36	23	34	52	73
Industrial	8	8	8	2	8	4	6	18	9
Materials	1	0	1	3	1	1	0	3	0
Mechanical	15	13	20	14	30	30	29	56	44
Other	341	388	428	483	550	641	764	828	814
Science	31,499	34,844	36,001	36,941	38,612	39,513	40,963	43,506	47,330

Table SHED-3

Associate'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
Chemical	0	0	3	2	0	3	3	0	2
Civil	4	5	7	11	6	11	10	12	7
Electrical	4	6	6	3	7	7	7	10	18
Industrial	1	0	1	0	3	0	0	3	0
Materials	1	0	0	1	0	0	0	1	0
Mechanical	4	5	5	2	7	6	12	9	10
Other	54	72	88	88	109	130	175	220	192
Science	4,798	6,090	7,253	8,654	9,956	11,723	13,260	15,186	17,462
Natural sciences	1,529	1,903	2,076	2,352	2,583	2,691	3,127	3,625	4,035
Agricultural sciences	39	47	41	42	75	82	84	83	143
Biological sciences	424	654	741	885	1,003	1,098	1,290	1,560	1,819
Earth, atmospheric, and ocean sciences	2	5	5	4	9	12	12	12	19
Atmospheric sciences	0	0	0	0	0	0	0	0	0
Earth sciences	2	5	5	3	9	12	12	12	19
Oceanography	0	0	0	1	0	0	0	0	0
Mathematics and computer sciences	878	923	1,003	1,061	1,080	991	1,185	1,237	1,343
Computer sciences	740	796	852	870	873	730	836	833	928
Mathematics and statistics	138	127	151	191	207	261	349	404	415
Physical sciences	186	274	286	360	416	508	556	733	711
Astronomy	0	0	0	1	0	0	1	0	2
Chemistry	34	58	64	80	81	96	105	167	161
Physics	25	29	33	43	57	88	83	146	146
Other physical sciences	127	187	189	236	278	324	367	420	402
Social and behavioral sciences	3,269	4,187	5,177	6,302	7,373	9,032	10,133	11,561	13,427
Psychology	706	1,056	1,476	2,019	2,587	3,441	3,803	4,443	5,321
Social sciences	2,563	3,131	3,701	4,283	4,786	5,591	6,330	7,118	8,106
Anthropology	35	50	51	74	92	159	185	248	277
Area and ethnic studies	28	29	32	50	40	55	55	89	100
Economics	33	50	61	61	76	96	149	172	237
Linguistics	0	0	1	3	2	1	0	1	2
Political science and public administration	448	531	637	769	880	865	1,069	1,081	1,176
Sociology	209	289	473	721	956	1,341	1,747	2,212	2,660
Other social sciences	1,810	2,182	2,446	2,605	2,740	3,074	3,125	3,315	3,654
Non-S&E	71,925	86,209	89,282	93,954	101,878	110,337	117,836	125,379	136,219
S&E technologies	10,128	13,191	13,313	13,378	13,623	13,889	14,259	14,474	14,770
Engineering technologies	582	592	626	585	620	603	686	700	755

Table SHED-3

Associate'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
Health technologies	9,435	12,489	12,541	12,642	12,811	13,025	13,277	13,423	13,617
Science technologies	90	90	116	128	166	227	272	289	348
Other S&E technologies	21	20	30	23	26	34	24	62	50
Not Hispanic or Latino									
All fields	499,353	528,823	516,929	505,726	501,590	489,211	474,298	464,977	467,526
S&E	27,044	29,116	29,155	28,738	29,173	28,367	28,360	29,053	30,609
Engineering	343	362	407	451	517	577	657	733	741
Aerospace	0	0	0	0	2	0	0	1	1
Chemical	4	2	4	5	10	7	6	8	5
Civil	12	16	17	14	6	14	12	10	15
Electrical	22	12	23	21	29	16	27	42	55
Industrial	7	8	7	2	5	4	6	15	9
Materials	0	0	1	2	1	1	0	2	0
Mechanical	11	8	15	12	23	24	17	47	34
Other	287	316	340	395	441	511	589	608	622
Science	26,701	28,754	28,748	28,287	28,656	27,790	27,703	28,320	29,868
Natural sciences	11,750	12,292	11,980	11,577	11,894	11,128	11,316	11,650	12,454
Agricultural sciences	731	889	874	948	958	1,057	1,081	1,204	1,165
Biological sciences	1,769	1,960	2,117	2,192	2,318	2,423	2,555	2,730	3,176
Earth, atmospheric, and ocean sciences	30	29	28	38	47	45	35	43	42
Atmospheric sciences	3	0	1	1	1	0	0	0	0
Earth sciences	19	20	20	33	34	38	35	42	41
Oceanography	8	9	7	4	12	7	0	1	1
Mathematics and computer sciences	8,116	8,236	7,634	7,031	7,059	6,018	5,920	5,843	6,015
Computer sciences	7,654	7,916	7,248	6,617	6,518	5,464	5,271	5,097	5,132
Mathematics and statistics	462	320	386	414	541	554	649	746	883
Physical sciences	1,104	1,178	1,327	1,368	1,512	1,585	1,725	1,830	2,056
Astronomy	1	2	1	1	0	1	2	5	5
Chemistry	187	180	236	231	292	312	387	392	430
Physics	37	34	52	77	115	114	145	212	245
Other physical sciences	879	962	1,038	1,059	1,105	1,158	1,191	1,221	1,376
Social and behavioral sciences	14,951	16,462	16,768	16,710	16,762	16,662	16,387	16,670	17,414
Psychology	2,220	2,533	3,098	3,647	4,014	4,490	4,715	5,007	5,618
Social sciences	12,731	13,929	13,670	13,063	12,748	12,172	11,672	11,663	11,796
Anthropology	126	161	158	184	194	299	307	301	368
Area and ethnic studies	116	93	117	151	174	164	158	204	199

Table SHED-3

Associate'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	2	0	4	1	2	2	3	0	0
Physics	1	1	0	1	1	0	1	0	2
Other physical sciences	19	19	18	23	28	21	16	24	26
Social and behavioral sciences	348	344	351	357	367	326	313	320	325
Psychology	57	72	68	91	104	97	84	82	104
Social sciences	291	272	283	266	263	229	229	238	221
Anthropology	2	4	4	2	3	3	3	5	6
Area and ethnic studies	59	47	49	50	58	51	47	54	56
Economics	2	2	0	0	0	0	0	2	3
Linguistics	0	0	0	0	0	0	0	0	0
Political science and public administration	59	52	69	52	65	68	60	59	65
Sociology	6	13	19	22	17	14	19	19	12
Other social sciences	163	154	142	140	120	93	100	99	79
Non-S&E	5,435	5,767	5,915	5,714	5,518	5,382	5,202	5,199	5,148
S&E technologies	811	933	962	868	821	814	789	701	663
Engineering technologies	71	55	89	69	70	59	74	62	45
Health technologies	731	871	863	795	745	743	704	627	607
Science technologies	6	5	9	4	5	10	9	8	8
Other S&E technologies	3	2	1	0	1	2	2	4	3
Asian									
All fields	22,337	24,280	24,671	25,117	26,233	27,456	28,667	30,565	33,220
S&E	1,722	1,925	2,233	2,344	2,714	3,036	3,310	3,727	4,322
Engineering	29	54	56	63	84	90	110	119	122
Aerospace	0	0	0	0	0	0	0	0	0
Chemical	1	2	1	0	2	1	0	1	0
Civil	0	2	1	1	0	0	1	0	2
Electrical	0	3	1	4	4	2	5	4	15
Industrial	0	0	0	0	0	0	0	1	1
Materials	0	0	0	0	0	0	0	0	0
Mechanical	3	2	8	4	3	2	2	8	9
Other	25	45	45	54	75	85	102	105	95
Science	1,693	1,871	2,177	2,281	2,630	2,946	3,200	3,608	4,200
Natural sciences	851	926	1,010	1,061	1,205	1,331	1,500	1,764	2,046
Agricultural sciences	5	10	9	7	9	5	13	20	15
Biological sciences	264	308	327	345	361	385	433	518	629
Earth, atmospheric, and ocean sciences	2	2	1	0	1	2	4	7	1

Table SHED-3

Associate'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	2,885	2,587	2,508	2,438	2,388	2,259	2,249	2,259	2,280
S&E	269	247	244	164	205	190	182	198	210
Engineering	1	6	3	2	2	4	1	3	0
Aerospace	0	0	0	0	0	0	0	0	0
Chemical	0	0	0	0	0	0	0	0	0
Civil	0	1	0	0	0	0	0	1	0
Electrical	0	0	0	1	0	1	0	0	0
Industrial	0	0	0	0	0	0	0	0	0
Materials	0	0	0	0	0	0	0	0	0
Mechanical	0	0	0	0	0	0	0	0	0
Other	1	5	3	1	2	3	1	2	0
Science	268	241	241	162	203	186	181	195	210
Natural sciences	100	88	90	62	85	78	62	86	77
Agricultural sciences	10	8	16	11	11	14	10	23	22
Biological sciences	26	13	15	13	21	20	14	21	17
Earth, atmospheric, and ocean sciences	0	0	0	0	1	0	0	0	0
Atmospheric sciences	0	0	0	0	0	0	0	0	0
Earth sciences	0	0	0	0	1	0	0	0	0
Oceanography	0	0	0	0	0	0	0	0	0
Mathematics and computer sciences	49	62	53	29	43	32	28	35	32
Computer sciences	49	58	53	29	41	30	22	34	28
Mathematics and statistics	0	4	0	0	2	2	6	1	4
Physical sciences	15	5	6	9	9	12	10	7	6
Astronomy	0	0	0	0	0	0	0	0	0
Chemistry	1	2	0	2	2	1	0	0	2
Physics	0	0	0	0	2	0	0	1	0
Other physical sciences	14	3	6	7	5	11	10	6	4
Social and behavioral sciences	168	153	151	100	118	108	119	109	133
Psychology	13	10	25	14	15	30	34	26	29
Social sciences	155	143	126	86	103	78	85	83	104
Anthropology	0	1	1	0	1	3	0	1	2
Area and ethnic studies	0	0	6	14	11	12	8	8	12
Economics	0	0	0	1	3	0	3	3	2
Linguistics	0	0	0	1	0	0	0	0	0
Political science and public administration	20	21	23	12	17	11	22	18	23
Sociology	4	6	7	7	5	13	8	6	15

Table SHED-3

Associate'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	131	115	89	51	66	39	44	47	50
Non-S&E	2,616	2,340	2,264	2,274	2,183	2,069	2,067	2,061	2,070
S&E technologies	345	307	299	297	274	284	259	238	214
Engineering technologies	14	15	17	13	15	24	22	11	10
Health technologies	324	284	277	281	250	253	230	222	199
Science technologies	5	6	5	2	5	6	5	4	3
Other S&E technologies	2	2	0	1	4	1	2	1	2
White									
All fields	340,322	355,953	351,972	342,727	337,452	326,830	316,065	306,328	302,931
S&E	16,015	16,817	17,557	17,324	17,310	16,414	16,579	16,376	17,072
Engineering	247	227	274	284	341	368	443	455	428
Aerospace	0	0	0	0	0	0	0	0	0
Chemical	2	0	3	3	6	4	6	4	3
Civil	10	11	15	13	4	9	10	7	11
Electrical	16	3	13	10	20	9	16	25	23
Industrial	4	7	6	2	4	3	6	8	6
Materials	0	0	1	2	1	1	0	2	0
Mechanical	7	4	6	7	16	16	10	31	19
Other	208	202	230	247	290	326	395	378	366
Science	15,768	16,590	17,283	17,040	16,969	16,046	16,136	15,921	16,644
Natural sciences	7,221	7,457	7,392	7,131	7,262	6,757	6,835	6,801	7,054
Agricultural sciences	641	785	756	827	834	924	944	1,035	974
Biological sciences	1,066	1,190	1,279	1,337	1,419	1,446	1,524	1,559	1,748
Earth, atmospheric, and ocean sciences	27	24	25	34	41	37	26	29	31
Atmospheric sciences	3	0	1	1	1	0	0	0	0
Earth sciences	16	15	18	29	30	32	26	28	30
Oceanography	8	9	6	4	10	5	0	1	1
Mathematics and computer sciences	4,948	4,868	4,651	4,223	4,191	3,577	3,494	3,327	3,388
Computer sciences	4,726	4,654	4,420	3,982	3,875	3,285	3,156	2,970	2,972
Mathematics and statistics	222	214	231	241	316	292	338	357	416
Physical sciences	539	590	681	710	777	773	847	851	913
Astronomy	1	2	1	1	0	1	1	3	3
Chemistry	98	86	125	115	157	159	200	212	203
Physics	21	20	27	45	50	57	76	101	109
Other physical sciences	419	482	528	549	570	556	570	535	598
Social and behavioral sciences	8,547	9,133	9,891	9,909	9,707	9,289	9,301	9,120	9,590

Table SHED-3

Associate'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	1,570	1,672	2,050	2,389	2,496	2,754	2,867	2,979	3,368
Social sciences	6,977	7,461	7,841	7,520	7,211	6,535	6,434	6,141	6,222
Anthropology	91	125	115	127	143	216	228	221	258
Area and ethnic studies	29	23	28	38	50	41	48	44	44
Economics	62	51	74	54	89	96	164	218	253
Linguistics	0	1	0	7	2	3	1	0	1
Political science and public administration	1,681	1,931	2,585	2,739	2,590	2,194	2,142	1,924	1,788
Sociology	243	261	391	418	489	574	637	641	783
Other social sciences	4,871	5,069	4,648	4,137	3,848	3,411	3,214	3,093	3,095
Non-S&E	324,307	339,136	334,415	325,403	320,142	310,416	299,486	289,952	285,859
S&E technologies	57,718	62,443	59,709	56,124	53,735	51,104	48,603	45,145	42,731
Engineering technologies	2,987	2,773	2,772	2,506	2,405	2,426	2,448	2,593	2,638
Health technologies	54,229	59,035	56,292	52,911	50,676	47,982	45,367	41,685	39,244
Science technologies	408	515	515	603	534	596	661	727	710
Other S&E technologies	94	120	130	104	120	100	127	140	139
More than one race									
All fields	6,541	8,610	11,284	12,980	14,805	16,990	17,353	19,368	21,393
S&E	315	529	859	1,060	1,271	1,563	1,571	1,713	1,973
Engineering	2	2	5	19	16	25	21	37	37
Aerospace	0	0	0	0	0	0	0	0	0
Chemical	0	0	0	1	1	0	0	2	1
Civil	0	0	0	0	0	0	0	0	0
Electrical	0	0	0	1	2	1	0	3	3
Industrial	0	0	0	0	0	0	0	1	0
Materials	0	0	0	0	0	0	0	0	0
Mechanical	0	0	1	0	0	1	3	1	4
Other	2	2	4	17	13	23	18	30	29
Science	313	527	854	1,041	1,255	1,538	1,550	1,676	1,936
Natural sciences	123	195	264	326	413	440	515	565	670
Agricultural sciences	9	10	15	15	19	31	39	37	51
Biological sciences	20	34	62	60	86	102	139	148	196
Earth, atmospheric, and ocean sciences	1	0	1	1	2	2	1	1	7
Atmospheric sciences	0	0	0	0	0	0	0	0	0
Earth sciences	1	0	1	1	0	1	1	1	7
Oceanography	0	0	0	0	2	1	0	0	0
Mathematics and computer sciences	72	120	148	205	238	221	252	280	282

Table SHED-3

Associate'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	64	116	134	183	209	192	218	221	218
Mathematics and statistics	8	4	14	22	29	29	34	59	64
Physical sciences	21	31	38	45	68	84	84	99	134
Astronomy	0	0	0	0	0	0	0	1	1
Chemistry	2	7	9	4	17	19	24	14	29
Physics	1	0	3	3	7	10	15	19	22
Other physical sciences	18	24	26	38	44	55	45	65	82
Social and behavioral sciences	190	332	590	715	842	1,098	1,035	1,111	1,266
Psychology	41	65	134	182	250	267	321	354	465
Social sciences	149	267	456	533	592	831	714	757	801
Anthropology	5	6	13	22	11	30	30	29	41
Area and ethnic studies	3	3	9	17	33	31	25	47	37
Economics	0	1	3	0	5	18	20	21	40
Linguistics	0	0	0	0	0	0	0	0	0
Political science and public administration	30	47	98	105	130	192	149	146	174
Sociology	7	15	28	56	69	79	81	130	139
Other social sciences	104	195	305	333	344	481	409	384	370
Non-S&E	6,226	8,081	10,425	11,920	13,534	15,427	15,782	17,655	19,420
S&E technologies	936	1,283	1,614	1,611	1,771	2,078	2,016	2,109	2,195
Engineering technologies	71	78	122	113	111	150	138	139	162
Health technologies	850	1,187	1,460	1,459	1,615	1,886	1,817	1,903	1,949
Science technologies	11	12	25	27	35	33	47	56	70
Other S&E technologies	4	6	7	12	10	9	14	11	14
Other or unknown race or ethnicity									
All fields	40,469	42,013	34,839	32,243	28,351	24,131	20,567	19,830	21,174
S&E	3,386	4,017	2,572	2,132	1,849	1,609	1,237	1,300	1,274
Engineering	27	29	25	37	33	25	29	37	46
Aerospace	0	0	0	0	2	0	0	1	0
Chemical	1	0	0	0	0	2	0	1	0
Civil	0	1	0	0	0	1	0	0	0
Electrical	1	2	3	1	1	0	3	1	3
Industrial	2	1	1	0	1	1	0	1	2
Materials	0	0	0	0	0	0	0	0	0
Mechanical	0	2	0	1	3	2	1	3	1
Other	23	23	21	35	26	19	25	30	40
Science	3,359	3,988	2,547	2,095	1,816	1,584	1,208	1,263	1,228

Table SHED-3

Associate'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
Chemical	3	0	1	2	3	0	5	9	5
Civil	0	2	2	1	0	1	4	2	2
Electrical	1	2	0	2	2	5	2	3	4
Industrial	0	0	0	0	0	0	0	0	0
Materials	0	0	0	0	0	0	0	1	0
Mechanical	0	0	0	4	5	6	10	6	5
Other	22	35	22	23	36	52	67	84	86
Science	595	588	648	692	742	818	951	1,181	1,401
Natural sciences	350	319	345	374	416	453	531	682	890
Agricultural sciences	4	5	8	9	22	6	9	14	8
Biological sciences	55	57	77	70	61	78	97	116	199
Earth, atmospheric, and ocean sciences	0	0	2	0	0	0	3	0	0
Atmospheric sciences	0	0	0	0	0	0	0	0	0
Earth sciences	0	0	2	0	0	0	3	0	0
Oceanography	0	0	0	0	0	0	0	0	0
Mathematics and computer sciences	186	150	151	187	207	238	283	379	470
Computer sciences	166	118	129	144	173	184	197	274	336
Mathematics and statistics	20	32	22	43	34	54	86	105	134
Physical sciences	105	107	107	108	126	131	139	173	213
Astronomy	0	0	0	0	0	1	0	0	0
Chemistry	16	19	12	9	12	15	20	20	33
Physics	4	3	3	7	7	7	17	25	22
Other physical sciences	85	85	92	92	107	108	102	128	158
Social and behavioral sciences	245	269	303	318	326	365	420	499	511
Psychology	44	32	48	68	85	80	92	117	139
Social sciences	201	237	255	250	241	285	328	382	372
Anthropology	3	1	2	0	4	3	1	8	2
Area and ethnic studies	6	4	5	9	3	11	6	6	7
Economics	23	21	21	24	32	64	106	139	146
Linguistics	0	0	1	2	0	0	0	0	1
Political science and public administration	24	34	44	40	47	56	59	60	55
Sociology	10	10	11	11	14	13	17	20	26
Other social sciences	135	167	171	164	141	138	139	149	135
Non-S&E	9,200	9,356	9,148	9,189	9,436	9,886	10,530	11,302	12,013
S&E technologies	561	623	593	509	512	509	599	600	637
Engineering technologies	61	63	64	58	84	105	132	106	100

Table SHED-3**Associate'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
Health technologies	483	538	507	422	410	385	452	475	512
Science technologies	17	22	22	29	18	19	15	19	25
Other S&E technologies	0	0	0	0	0	0	0	0	0

Note(s):

Racial or ethnic breakouts include U.S. citizens and permanent residents only; temporary visa holder includes all racial or 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