

Earned bachelor's degrees, by field and sex: Selected years, 1983–2002

Field and sex	1983	1985	1987	1989	1991	1993	1995	1997	1998	2000	2001	2002
Both sexes												
All fields	980,679	990,877	1,003,532	1,030,171	1,107,997	1,179,278	1,174,436	1,186,589	1,199,579	1,253,121	1,257,648	1,305,730
S&E	317,571	332,273	331,526	322,821	337,675	366,035	378,148	388,482	390,618	398,622	400,206	415,611
Engineering	72,670	77,572	74,425	66,947	62,187	62,705	63,371	62,352	60,914	59,536	59,258	60,639
Aerospace	2,127	2,854	2,989	2,944	2,869	2,735	1,771	1,290	1,247	1,267	1,498	1,747
Chemical	8,550	8,941	6,114	4,187	3,728	4,899	6,391	6,977	6,721	6,219	6,088	5,946
Civil	10,747	9,730	8,746	8,015	8,083	9,788	11,329	12,010	11,522	9,596	8,949	8,891
Electrical	19,205	23,668	26,791	24,318	21,520	19,598	17,579	16,434	16,322	17,672	18,371	18,977
Industrial	3,824	4,009	4,313	4,121	3,820	3,584	3,519	3,997	3,988	3,937	3,818	3,976
Materials	1,392	1,276	1,152	1,114	1,166	1,216	1,046	1,063	1,007	972	930	933
Mechanical	16,031	17,200	15,723	15,217	14,263	14,708	15,141	13,806	13,363	13,109	13,160	13,377
Other	10,794	9,894	8,597	7,031	6,738	6,177	6,595	6,775	6,744	6,764	6,444	6,792
Science	244,901	254,701	257,101	255,874	275,488	303,330	314,777	326,130	329,704	339,086	340,948	354,972
Natural sciences	116,250	129,668	125,166	109,137	105,383	116,745	129,465	140,346	144,441	150,898	152,326	158,536
Agricultural sciences	14,528	11,907	9,524	8,582	8,432	11,632	14,580	17,361	17,967	18,244	17,467	17,360
Biological sciences	40,883	39,405	39,047	36,949	40,351	47,989	56,890	65,139	67,112	64,904	62,089	61,768
Earth, atmospheric, and ocean sciences	7,298	7,576	4,689	3,181	2,728	3,503	4,478	4,466	4,321	4,047	3,968	3,984
Atmospheric sciences	396	414	345	330	360	369	444	431	443	490	456	525
Earth sciences	6,774	7,001	4,189	2,707	2,214	2,901	3,820	3,830	3,665	3,359	3,334	3,234
Oceanography	128	161	155	144	154	233	214	205	213	198	178	225
Mathematics/computer sciences	37,344	54,510	56,442	46,277	40,194	39,433	38,620	38,116	39,768	49,123	54,639	61,408
Computer sciences	24,682	39,121	39,927	30,963	25,410	24,580	24,769	25,393	27,674	37,388	43,184	49,135
Mathematics/statistics	12,662	15,389	16,515	15,314	14,784	14,853	13,851	12,723	12,094	11,735	11,455	12,273
Physical sciences	16,197	16,270	15,464	14,148	13,678	14,188	14,897	15,264	15,273	14,580	14,163	14,016
Astronomy	96	119	130	164	151	167	169	140	168	160	240	276
Chemistry	11,039	10,701	9,830	8,822	8,461	9,109	10,016	10,926	10,873	10,390	9,822	9,448
Physics	3,800	4,111	4,324	4,347	4,245	4,080	3,836	3,393	3,455	3,362	3,457	3,651
Other physical sciences	1,262	1,339	1,180	815	821	832	876	805	777	668	644	641
Social/behavioral sciences	128,651	125,033	131,935	146,737	170,105	186,585	185,312	185,784	185,263	188,188	188,622	196,436
Psychology	40,825	40,237	43,195	48,954	58,893	67,251	72,601	74,734	74,457	74,654	74,168	77,323
Social sciences	87,826	84,796	88,740	97,783	111,212	119,334	112,711	111,050	110,806	113,534	114,454	119,113
Anthropology	2,873	2,684	2,802	3,135	4,212	5,203	5,806	6,759	6,894	7,057	6,898	7,198
Area/ethnic studies	2,993	2,872	3,313	3,950	4,625	5,073	5,176	5,257	5,441	5,617	5,561	5,844
Economics	22,410	23,073	24,402	25,301	25,302	22,973	19,083	17,701	18,244	19,400	20,377	21,827
History of science	0	0	0	0	0	9	29	31	39	92	101	103
Linguistics	474	490	477	447	572	553	564	577	680	727	757	861
Political science/public administration	31,871	32,378	33,876	38,246	44,257	47,936	41,978	37,807	36,654	36,439	36,651	38,573
Sociology	14,347	12,165	12,359	14,393	17,632	21,007	22,974	24,750	24,884	25,685	25,363	25,318
Other social sciences	12,858	11,134	11,511	12,311	14,612	16,580	17,101	18,168	17,970	18,517	18,746	19,389
Non-S&E	663,108	658,604	672,006	707,350	770,322	813,243	796,288	798,107	808,961	854,499	857,442	890,119
Engineering technologies	18,602	20,476	20,577	20,098	18,294	17,022	16,607	14,631	14,825	15,238	15,127	15,406
Male												
All fields	483,395	486,660	485,003	487,566	508,952	537,536	531,146	525,282	525,714	536,158	536,023	553,957
S&E	194,380	203,402	199,981	189,338	189,328	200,315	202,217	201,471	200,221	197,669	197,623	204,408
Engineering	63,018	66,326	63,021	56,759	52,522	52,724	52,421	50,882	49,575	47,320	47,344	47,952

Earned bachelor's degrees, by field and sex: Selected years, 1983–2002

Field and sex	1983	1985	1987	1989	1991	1993	1995	1997	1998	2000	2001	2002
Aerospace.....	1,955	2,613	2,741	2,643	2,545	2,419	1,541	1,088	1,050	1,029	1,194	1,435
Chemical.....	6,761	6,848	4,574	3,017	2,564	3,335	4,367	4,701	4,525	4,016	4,033	3,823
Civil.....	9,263	8,388	7,550	6,841	6,803	8,009	9,031	9,441	8,946	7,263	6,908	6,667
Electrical.....	17,283	20,936	23,227	21,130	18,757	17,339	15,409	14,416	14,310	15,322	15,829	16,257
Industrial.....	2,824	2,842	2,929	2,860	2,723	2,547	2,493	2,918	2,968	2,630	2,594	2,635
Materials.....	1,104	990	854	853	912	956	799	804	772	704	667	648
Mechanical.....	14,546	15,399	13,996	13,537	12,673	13,076	13,441	12,171	11,727	11,325	11,421	11,594
Other.....	9,282	8,310	7,150	5,878	5,545	5,043	5,340	5,343	5,277	5,031	4,698	4,893
Science.....	131,362	137,076	136,960	132,579	136,806	147,591	149,796	150,589	150,646	150,349	150,279	156,456
Natural sciences.....	70,970	78,306	75,460	65,691	61,906	67,799	73,540	77,597	78,906	80,791	81,821	85,257
Agricultural sciences.....	9,206	7,737	6,129	5,557	5,292	7,294	8,943	10,094	10,224	9,780	8,976	8,726
Biological sciences.....	21,926	20,435	20,039	18,295	19,715	23,145	26,972	29,873	30,011	26,946	25,005	24,073
Earth, atmospheric, and ocean sciences.....	5,450	5,715	3,629	2,380	1,946	2,453	2,954	2,924	2,722	2,430	2,346	2,282
Atmospheric sciences.....	330	346	284	278	303	305	362	348	339	376	324	374
Earth sciences.....	5,007	5,244	3,218	1,995	1,530	1,978	2,456	2,445	2,262	1,950	1,934	1,788
Oceanography.....	113	125	127	107	113	170	136	131	121	104	88	120
Mathematics/computer sciences.....	22,802	32,985	34,871	29,682	25,700	25,483	25,066	25,324	26,670	33,045	37,242	42,142
Computer sciences.....	15,690	24,690	26,038	21,418	17,896	17,629	17,706	18,490	20,235	26,914	31,284	35,631
Mathematics.....	7,112	8,295	8,833	8,264	7,804	7,854	7,360	6,834	6,435	6,131	5,958	6,511
Physical sciences.....	11,586	11,434	10,792	9,777	9,253	9,424	9,605	9,382	9,279	8,590	8,252	8,034
Astronomy.....	72	89	107	127	112	120	117	94	110	106	145	160
Chemistry.....	7,303	6,807	6,156	5,391	5,046	5,365	5,783	6,043	5,900	5,483	5,047	4,719
Physics.....	3,317	3,550	3,629	3,705	3,575	3,403	3,161	2,741	2,789	2,638	2,701	2,825
Other physical sciences.....	894	988	900	554	520	536	544	504	480	363	359	330
Social/behavioral sciences.....	60,392	58,770	61,500	66,888	74,900	79,792	76,256	72,992	71,740	69,558	68,458	71,199
Psychology.....	13,228	12,815	13,399	14,291	16,155	18,029	19,638	19,491	19,057	17,540	16,701	17,397
Social sciences.....	47,164	45,955	48,101	52,597	58,745	61,763	56,618	53,501	52,683	52,018	51,757	53,802
Anthropology.....	1,016	1,021	1,003	1,155	1,486	1,863	2,117	2,446	2,414	2,315	2,192	2,272
Area/ethnic studies.....	1,104	1,101	1,251	1,613	1,858	1,967	2,082	2,001	2,000	2,045	1,904	2,036
Economics.....	15,163	15,400	16,335	17,224	17,725	16,161	13,235	12,253	12,453	13,016	13,453	14,438
History of science.....	0	0	0	0	0	4	14	14	21	40	45	40
Linguistics.....	117	140	140	134	179	159	153	184	197	229	245	249
Political science/public administration.....	18,679	18,799	19,365	21,622	24,648	26,701	23,010	19,953	19,334	18,092	18,014	18,830
Sociology.....	4,363	3,767	3,897	4,488	5,427	6,638	7,435	7,846	7,762	7,657	7,440	7,307
Other social sciences.....	6,722	5,727	6,110	6,361	7,422	8,270	8,572	8,804	8,502	8,624	8,464	8,630
Non-S&E.....	289,015	283,258	285,022	298,228	319,624	337,221	328,929	323,811	325,493	338,489	338,400	349,549
Engineering technologies.....	16,473	18,224	18,429	17,999	16,329	15,114	14,704	12,925	12,993	13,291	13,072	13,267
Female												
All fields.....	497,284	504,217	518,529	542,605	599,045	641,742	643,290	661,307	673,865	716,963	721,625	751,773
S&E.....	123,191	128,871	131,545	133,483	148,347	165,720	175,931	187,011	190,397	200,953	202,583	211,203
Engineering.....	9,652	11,246	11,404	10,188	9,665	9,981	10,950	11,470	11,339	12,216	11,914	12,687
Aerospace.....	172	241	248	301	324	316	230	202	197	238	304	312
Chemical.....	1,789	2,093	1,540	1,170	1,164	1,564	2,024	2,276	2,196	2,203	2,055	2,123
Civil.....	1,484	1,342	1,196	1,174	1,280	1,779	2,298	2,569	2,576	2,333	2,041	2,224
Electrical.....	1,922	2,732	3,564	3,188	2,763	2,259	2,170	2,018	2,012	2,350	2,542	2,720

Appendix table 2-26

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Earned bachelor's degrees, by field and sex: Selected years, 1983–2002

Field and sex	1983	1985	1987	1989	1991	1993	1995	1997	1998	2000	2001	2002
Industrial.....	1,000	1,167	1,384	1,261	1,097	1,037	1,026	1,079	1,020	1,307	1,224	1,341
Materials.....	288	286	298	261	254	260	247	259	235	268	263	285
Mechanical.....	1,485	1,801	1,727	1,680	1,590	1,632	1,700	1,635	1,636	1,784	1,739	1,783
Other.....	1,512	1,584	1,447	1,153	1,193	1,134	1,255	1,432	1,467	1,733	1,746	1,899
Science.....	113,539	117,625	120,141	123,295	138,682	155,739	164,981	175,541	179,058	188,737	190,669	198,516
Natural sciences.....	45,280	51,362	49,706	43,446	43,477	48,946	55,925	62,749	65,535	70,107	70,505	73,279
Agricultural sciences.....	5,322	4,170	3,395	3,025	3,140	4,338	5,637	7,267	7,743	8,464	8,491	8,634
Biological sciences.....	18,957	18,970	19,008	18,654	20,636	24,844	29,918	35,266	37,101	37,958	37,084	37,695
Earth, atmospheric, and ocean sciences.....	1,848	1,861	1,060	801	782	1,050	1,524	1,542	1,599	1,617	1,622	1,702
Atmospheric sciences.....	66	68	61	52	57	64	82	83	104	114	132	151
Earth sciences.....	1,767	1,757	971	712	684	923	1,364	1,385	1,403	1,409	1,400	1,446
Oceanography.....	15	36	28	37	41	63	78	74	92	94	90	105
Mathematics/computer sciences.....	14,542	21,525	21,571	16,595	14,494	13,950	13,554	12,792	13,098	16,078	17,397	19,266
Computer sciences.....	8,992	14,431	13,889	9,545	7,514	6,951	7,063	6,903	7,439	10,474	11,900	13,504
Mathematics/statistics.....	5,550	7,094	7,682	7,050	6,980	6,999	6,491	5,889	5,659	5,604	5,497	5,762
Physical sciences.....	4,611	4,836	4,672	4,371	4,425	4,764	5,292	5,882	5,994	5,990	5,911	5,982
Astronomy.....	24	30	23	37	39	47	52	46	58	54	95	116
Chemistry.....	3,736	3,894	3,674	3,431	3,415	3,744	4,233	4,883	4,973	4,907	4,775	4,729
Physics.....	483	561	695	642	670	677	675	652	666	724	756	826
Other physical sciences.....	368	351	280	261	301	296	332	301	297	305	285	311
Social/behavioral sciences.....	68,259	66,263	70,435	79,849	95,205	106,793	109,056	112,792	113,523	118,630	120,164	125,237
Psychology.....	27,597	27,422	29,796	34,663	42,738	49,222	52,963	55,243	55,400	57,114	57,467	59,926
Social sciences.....	40,662	38,841	40,639	45,186	52,467	57,571	56,093	57,549	58,123	61,516	62,697	65,311
Anthropology.....	1,857	1,663	1,799	1,980	2,726	3,340	3,689	4,313	4,480	4,742	4,706	4,926
Area/ethnic studies.....	1,889	1,771	2,062	2,337	2,767	3,106	3,094	3,256	3,441	3,572	3,657	3,808
Economics.....	7,247	7,673	8,067	8,077	7,577	6,812	5,848	5,448	5,791	6,384	6,924	7,389
History of science.....	0	0	0	0	0	5	15	17	18	52	56	63
Linguistics.....	357	350	337	313	393	394	411	393	483	498	512	612
Political science/public administration.....	13,192	13,579	14,511	16,624	19,609	21,235	18,968	17,854	17,320	18,347	18,637	19,743
Sociology.....	9,984	8,398	8,462	9,905	12,205	14,369	15,539	16,904	17,122	18,028	17,923	18,011
Other social sciences.....	6,136	5,407	5,401	5,950	7,190	8,310	8,529	9,364	9,468	9,893	10,282	10,759
Non-S&E.....	374,093	375,346	386,984	409,122	450,698	476,022	467,359	474,296	483,468	516,010	519,042	540,570
Engineering technologies.....	2,129	2,252	2,148	2,099	1,965	1,908	1,903	1,706	1,832	1,947	2,055	2,139

NOTE: Engineering technologies more focused on applied skills than on fundamental science and mathematics.

SOURCES: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, Completions Survey; and National Science Foundation, Division of Science Resources Statistics, Integrated Science and Engineering Resources Data System (WebCASPAR), <http://webcaspar.nsf.gov>.

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