

TABLE 3-4. Enrollment status of S&E graduate students, by field and sex: 2014

Field	All S&E graduate students			Female			Male		
	Total	Full time	Part time	Total	Full time	Part time	Total	Full time	Part time
S&E	601,883	447,096	154,787	253,493	185,940	67,553	348,390	261,156	87,234
Science	437,395	322,714	114,681	213,803	154,746	59,057	223,592	167,968	55,624
Agricultural sciences	17,505	12,319	5,186	8,968	6,431	2,537	8,537	5,888	2,649
Biological sciences	78,490	64,638	13,852	44,593	35,894	8,699	33,897	28,744	5,153
Anatomy	554	519	35	280	262	18	274	257	17
Biochemistry	5,025	4,592	433	2,423	2,206	217	2,602	2,386	216
Biology	16,697	12,255	4,442	9,340	6,664	2,676	7,357	5,591	1,766
Biometry and epidemiology	8,326	6,474	1,852	4,915	3,764	1,151	3,411	2,710	701
Biophysics	877	849	28	306	298	8	571	551	20
Botany and plant biology	1,877	1,669	208	938	827	111	939	842	97
Cell and molecular biology	6,214	5,819	395	3,389	3,152	237	2,825	2,667	158
Ecology	1,416	1,032	384	756	563	193	660	469	191
Entomology and parasitology	1,304	1,106	198	651	557	94	653	549	104
Genetics	2,411	2,343	68	1,425	1,385	40	986	958	28
Microbiology, immunology, and virology	4,670	4,345	325	2,658	2,469	189	2,012	1,876	136
Nutrition	5,868	3,780	2,088	4,730	3,040	1,690	1,138	740	398
Pathology	1,036	1,013	23	612	598	14	424	415	9
Pharmacology and toxicology	2,916	2,594	322	1,619	1,427	192	1,297	1,167	130
Physiology	3,415	3,158	257	1,766	1,608	158	1,649	1,550	99
Zoology	1,093	708	385	693	395	298	400	313	87
Biosciences nec	14,791	12,382	2,409	8,092	6,679	1,413	6,699	5,703	996
Communication	11,942	7,544	4,398	7,804	4,859	2,945	4,138	2,685	1,453
Computer sciences	76,546	52,069	24,477	21,038	14,509	6,529	55,508	37,560	17,948
Earth, atmospheric, and ocean sciences	15,710	12,462	3,248	7,144	5,726	1,418	8,566	6,736	1,830
Atmospheric sciences	1,466	1,262	204	538	481	57	928	781	147
Geosciences	8,821	6,911	1,910	3,630	2,893	737	5,191	4,018	1,173
Ocean sciences	2,666	2,169	497	1,528	1,227	301	1,138	942	196
Earth, atmospheric, and ocean sciences nec	2,757	2,120	637	1,448	1,125	323	1,309	995	314
Family and consumer sciences and human sciences	4,302	2,577	1,725	3,568	2,122	1,446	734	455	279
Mathematics and statistics	25,874	20,445	5,429	9,234	7,020	2,214	16,640	13,425	3,215
Mathematics and applied mathematics	18,863	14,785	4,078	6,176	4,482	1,694	12,687	10,303	2,384
Statistics	7,011	5,660	1,351	3,058	2,538	520	3,953	3,122	831
Multidisciplinary and interdisciplinary studies	7,196	4,862	2,334	3,445	2,322	1,123	3,751	2,540	1,211
Neurobiology and neuroscience	4,923	4,703	220	2,566	2,416	150	2,357	2,287	70
Physical sciences	40,332	36,266	4,066	13,118	11,638	1,480	27,214	24,628	2,586
Astronomy and astrophysics	1,241	1,219	22	427	417	10	814	802	12
Chemistry	22,936	20,565	2,371	9,352	8,268	1,084	13,584	12,297	1,287
Physics	15,564	14,047	1,517	3,128	2,801	327	12,436	11,246	1,190
Physical sciences nec	591	435	156	211	152	59	380	283	97
Psychology	48,833	34,683	14,150	36,243	25,364	10,879	12,590	9,319	3,271
Clinical psychology	8,781	7,057	1,724	6,783	5,435	1,348	1,998	1,622	376
Psychology, general	12,643	9,902	2,741	8,710	6,760	1,950	3,933	3,142	791
Psychology nec	27,409	17,724	9,685	20,750	13,169	7,581	6,659	4,555	2,104
Social sciences	105,742	70,146	35,596	56,082	36,445	19,637	49,660	33,701	15,959
Agricultural economics	1,931	1,598	333	822	704	118	1,109	894	215
Anthropology	7,955	6,248	1,707	5,126	4,041	1,085	2,829	2,207	622
Economics (except agricultural)	14,604	12,426	2,178	5,267	4,508	759	9,337	7,918	1,419
Geography	4,810	3,354	1,456	2,133	1,520	613	2,677	1,834	843
History and philosophy of science	371	332	39	189	166	23	182	166	16
Linguistics	3,489	2,668	821	2,136	1,574	562	1,353	1,094	259

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Field	All S&E graduate students			Female			Male		
	Total	Full time	Part time	Total	Full time	Part time	Total	Full time	Part time
Political science and government	47,370	27,478	19,892	24,877	14,138	10,739	22,493	13,340	9,153
Sociology	8,637	6,590	2,047	5,402	4,009	1,393	3,235	2,581	654
Sociology and anthropology	197	120	77	132	83	49	65	37	28
Social sciences nec	16,378	9,332	7,046	9,998	5,702	4,296	6,380	3,630	2,750
Engineering	164,488	124,382	40,106	39,690	31,194	8,496	124,798	93,188	31,610
Aerospace engineering	5,116	3,907	1,209	775	596	179	4,341	3,311	1,030
Agricultural engineering	1,740	1,412	328	704	580	124	1,036	832	204
Architecture	1,817	1,588	229	888	766	122	929	822	107
Biomedical engineering	9,510	8,336	1,174	3,810	3,354	456	5,700	4,982	718
Chemical engineering	9,870	8,629	1,241	3,107	2,728	379	6,763	5,901	862
Civil engineering	20,789	15,219	5,570	6,093	4,635	1,458	14,696	10,584	4,112
Electrical engineering	51,909	39,868	12,041	10,961	8,763	2,198	40,948	31,105	9,843
Engineering science, mechanics, and physics	2,162	1,575	587	429	324	105	1,733	1,251	482
Industrial and manufacturing engineering	14,845	9,106	5,739	3,824	2,417	1,407	11,021	6,689	4,332
Mechanical engineering	25,651	19,015	6,636	3,772	2,894	878	21,879	16,121	5,758
Metallurgical and materials engineering	7,518	6,625	893	2,181	1,941	240	5,337	4,684	653
Mining engineering	396	307	89	76	54	22	320	253	67
Nuclear engineering	1,467	1,201	266	221	181	40	1,246	1,020	226
Petroleum engineering	2,056	1,662	394	414	350	64	1,642	1,312	330
Engineering nec	9,642	5,932	3,710	2,435	1,611	824	7,207	4,321	2,886

nec = not elsewhere classified; S&E = science and engineering.

NOTES: In 2014, the survey frame was updated following a comprehensive frame evaluation study. The study identified potentially eligible but not previously surveyed U.S. academic institutions with master's- or doctorate-granting programs in science, engineering, or health. A total of 151 newly eligible institutions were added, and two private for-profit institutions offering mostly practitioner-based graduate degrees were determined to be ineligible.

SOURCE: National Science Foundation, National Center for Science and Engineering Statistics, Survey of Graduate Students and Postdoctorates in Science and Engineering, 2014.