Table 2-9. Graduate students in science, engineering, and health broad fields, by degree program, citizenship, ethnicity, and race: 2025

(Number and percent)

Broad field	Total		Hispanic or Latino		Not Hispanic or Latino												Unknown ethnicity and race		Temporary visa holders	
					American Indian or Alaska Native		Asian		Black or African American		Native Hawaiian or Other Pacific Islander		White		More than one race					
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
All graduate students	796,304	100.0	79,409	100.0	1,948	100.0	73,077	100.0	50,725	100.0	710	100.0	263,556	100.0	22,402	100.0	30,834	100.0	273,643	100.0
Science	547,280	68.7	55,805	70.3	1,373	70.5	50,485	69.1	35,689	70.4	518	73.0	183,153	69.5	15,761	70.4	21,965	71.2	182,531	66.7
Agricultural and veterinary sciences	11,760	1.5	1,007	1.3	36	1.8	352	0.5	468	0.9	10	1.4	5,111	1.9	255	1.1	219	0.7	4,302	1.6
Biological and biomedical sciences	110,060	13.8	12,010	15.1	277	14.2	11,417	15.6	7,408	14.6	95	13.4	42,861	16.3	3,826	17.1	4,221	13.7	27,945	10.2
Computer and information sciences	141,085	17.7	8,200	10.3	161	8.3	19,812	27.1	7,652	15.1	85	12.0	26,818	10.2	2,801	12.5	5,864	19.0	69,692	25.5
Geosciences, atmospheric, and ocean sciences	11,732	1.5	1,167	1.5	30	1.5	463	0.6	359	0.7	8	1.1	6,016	2.3	446	2.0	483	1.6	2,760	1.0
Mathematics and statistics	32,997	4.1	2,109	2.7	34	1.7	2,892	4.0	821	1.6	17	2.4	9,333	3.5	759	3.4	1,016	3.3	16,016	5.9
Multidisciplinary and interdisciplinary sciences	31,848	4.0	2,496	3.1	58	3.0	3,580	4.9	2,045	4.0	32	4.5	9,005	3.4	819	3.7	1,228	4.0	12,585	4.6
Natural resources and conservation	13,179	1.7	1,280	1.6	108	5.5	473	0.6	449	0.9	25	3.5	7,587	2.9	483	2.2	390	1.3	2,384	0.9
Physical sciences	45,711	5.7	3,478	4.4	52	2.7	3,134	4.3	1,169	2.3	18	2.5	16,585	6.3	1,227	5.5	1,204	3.9	18,844	6.9
Psychology	76,697	9.6	15,812	19.9	289	14.8	4,552	6.2	8,696	17.1	127	17.9	33,298	12.6	2,894	12.9	4,427	14.4	6,602	2.4
Social sciences	72,211	9.1	8,246	10.4	328	16.8	3,810	5.2	6,622	13.1	101	14.2	26,539	10.1	2,251	10.0	2,913	9.4	21,401	7.8
Engineering	171,878	21.6	12,483	15.7	229	11.8	15,757	21.6	5,220	10.3	98	13.8	47,873	18.2	4,138	18.5	5,036	16.3	81,044	29.6
Aerospace, aeronautical, and astronautical engineering	9,124	1.1	1,001	1.3	10	0.5	1,050	1.4	216	0.4	8	1.1	4,315	1.6	372	1.7	263	0.9	1,889	0.7
Biological, biomedical, and biosystems engineering	16,033	2.0	1,382	1.7	17	0.9	2,168	3.0	594	1.2	7	1.0	4,789	1.8	542	2.4	623	2.0	5,911	2.2
Chemical, petroleum, and chemical-related engineering	10,489	1.3	583	0.7	16	0.8	931	1.3	229	0.5	2	0.3	2,745	1.0	215	1.0	225	0.7	5,543	2.0
Civil, environmental, transportation and related engineering fields	18,501	2.3	1,536	1.9	38	2.0	1,147	1.6	548	1.1	17	2.4	5,004	1.9	383	1.7	421	1.4	9,407	3.4
Electrical, electronics, communications and computer engineering	46,386	5.8	2,664	3.4	43	2.2	4,714	6.5	1,147	2.3	22	3.1	9,044	3.4	865	3.9	1,211	3.9	26,676	9.7
Industrial, manufacturing, systems engineering and operations research	14,999	1.9	1,277	1.6	20	1.0	1,146	1.6	726	1.4	9	1.3	4,113	1.6	289	1.3	783	2.5	6,636	2.4
Mechanical engineering	27,091	3.4	2,199	2.8	35	1.8	2,316	3.2	601	1.2	12	1.7	8,569	3.3	751	3.4	709	2.3	11,899	4.3
Metallurgical, mining, materials and related engineering fields	7,534	0.9	554	0.7	7	0.4	606	0.8	177	0.3	4	0.6	2,326	0.9	223	1.0	181	0.6	3,456	1.3
Other engineering	21,721	2.7	1,287	1.6	43	2.2	1,679	2.3	982	1.9	17	2.4	6,968	2.6	498	2.2	620	2.0	9,627	3.5
Health	77,146	9.7	11,121	14.0	346	17.8	6,835	9.4	9,816	19.4	94	13.2	32,530	12.3	2,503	11.2	3,833	12.4	10,068	3.7
Clinical medicine[a]	31,820	4.0	4,621	5.8	236	12.1	3,523	4.8	5,552	10.9	54	7.6	11,476	4.4	1,219	5.4	1,430	4.6	3,709	1.4
Other health	45,326	5.7	6,500	8.2	110	5.6	3,312	4.5	4,264	8.4	40	5.6	21,054	8.0	1,284	5.7	2,403	7.8	6,359	2.3
Master's students	481,206	60.4	55,771	70.2	1,228	63.0	49,864	68.2	35,562	70.1	490	69.0	163,198	61.9	14,100	62.9	20,115	65.2	140,878	51.5
Science	327,669	41.1	37,557	47.3	814	41.8	34,188	46.8	24,888	49.1	355	50.0	107,749	40.9	9,565	42.7	13,869	45.0	98,684	36.1
Agricultural and veterinary sciences	6,692	0.8	768	1.0	24	1.2	205	0.3	362	0.7	7	1.0	3,443	1.3	171	0.8	136	0.4	1,576	0.6
Biological and biomedical sciences	47,776	6.0	5,962	7.5	155	8.0	5,255	7.2	4,834	9.5	46	6.5	18,382	7.0	1,771	7.9	2,158	7.0	9,213	3.4
Computer and information sciences	115,892	14.6	7,450	9.4	130	6.7	17,681	24.2	6,727	13.3	72	10.1	22,645	8.6	2,393	10.7	4,716	15.3	54,078	19.8
Geosciences, atmospheric, and ocean sciences	4,898	0.6	633	0.8	19	1.0	158	0.2	181	0.4	2	0.3	2,987	1.1	195	0.9	196	0.6	527	0.2
Mathematics and statistics	18,790	2.4	1,397	1.8	26	1.3	1,782	2.4	611	1.2	10	1.4	5,285	2.0	470	2.1	629	2.0	8,580	3.1
Multidisciplinary and interdisciplinary sciences	26,282	3.3	2,081	2.6	44	2.3	3,195	4.4	1,748	3.4	30	4.2	7,114	2.7	659	2.9	1,070	3.5	10,341	3.8
Natural resources and conservation	8,946	1.1	938	1.2	56	2.9	311	0.4	280	0.6	22	3.1	5,653	2.1	365	1.6	274	0.9	1,047	0.4
Physical sciences	6,217	0.8	805	1.0	10	0.5	489	0.7	298	0.6	8	1.1	2,722	1.0	241	1.1	215	0.7	1,429	0.5
Psychology	51,695	6.5	11,836	14.9	178	9.1	2,934	4.0	5,652	11.1	94	13.2	22,810	8.7	1,906	8.5	2,810	9.1	3,475	1.3

Table 2-9. Graduate students in science, engineering, and health broad fields, by degree program, citizenship, ethnicity, and race: 2025

(Number and percent)

Broad field	Total		Hispanic or Latino		Not Hispanic or Latino												Unknown ethnicity and race		Temporary visa holders	
					American Indian or Alaska Native		Asian		Black or African American		Native Hawaiian or Other Pacific Islander		White		More than one race					
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Social sciences	40,481	5.1	5,687	7.2	172	8.8	2,178	3.0	4,195	8.3	64	9.0	16,708	6.3	1,394	6.2	1,665	5.4	8,418	3.1
Engineering	95,322	12.0	8,880	11.2	158	8.1	10,330	14.1	3,340	6.6	60	8.5	29,990	11.4	2,551	11.4	3,186	10.3	36,827	13.5
Aerospace, aeronautical, and astronautical engineering	5,963	0.7	783	1.0	8	0.4	747	1.0	143	0.3	6	0.8	3,077	1.2	268	1.2	196	0.6	735	0.3
Biological, biomedical, and biosystems engineering	5,694	0.7	569	0.7	8	0.4	960	1.3	245	0.5	0	0.0	1,746	0.7	216	1.0	152	0.5	1,798	0.7
Chemical, petroleum, and chemical-related engineering	2,607	0.3	220	0.3	9	0.5	284	0.4	82	0.2	0	0.0	771	0.3	57	0.3	68	0.2	1,116	0.4
Civil, environmental, transportation and related engineering fields	10,735	1.3	1,274	1.6	27	1.4	864	1.2	393	0.8	11	1.5	3,666	1.4	285	1.3	295	1.0	3,920	1.4
Electrical, electronics, communications and computer engineering	28,746	3.6	2,127	2.7	33	1.7	3,538	4.8	859	1.7	17	2.4	6,247	2.4	617	2.8	835	2.7	14,473	5.3
Industrial, manufacturing, systems engineering and operations research	10,853	1.4	1,144	1.4	15	0.8	909	1.2	536	1.1	5	0.7	3,270	1.2	228	1.0	652	2.1	4,094	1.5
Mechanical engineering	15,105	1.9	1,597	2.0	25	1.3	1,602	2.2	377	0.7	6	0.8	5,828	2.2	495	2.2	480	1.6	4,695	1.7
Metallurgical, mining, materials and related engineering fields	2,598	0.3	261	0.3	4	0.2	251	0.3	78	0.2	3	0.4	934	0.4	87	0.4	94	0.3	886	0.3
Other engineering	13,021	1.6	905	1.1	29	1.5	1,175	1.6	627	1.2	12	1.7	4,451	1.7	298	1.3	414	1.3	5,110	1.9
Health	58,215	7.3	9,334	11.8	256	13.1	5,346	7.3	7,334	14.5	75	10.6	25,459	9.7	1,984	8.9	3,060	9.9	5,367	2.0
Clinical medicine[a]	25,184	3.2	3,878	4.9	177	9.1	2,938	4.0	4,446	8.8	43	6.1	9,266	3.5	1,006	4.5	1,184	3.8	2,246	0.8
Other health	33,031	4.1	5,456	6.9	79	4.1	2,408	3.3	2,888	5.7	32	4.5	16,193	6.1	978	4.4	1,876	6.1	3,121	1.1
Doctoral students	315,098	39.6	23,638	29.8	720	37.0	23,213	31.8	15,163	29.9	220	31.0	100,358	38.1	8,302	37.1	10,719	34.8	132,765	48.5
Science	219,611	27.6	18,248	23.0	559	28.7	16,297	22.3	10,801	21.3	163	23.0	75,404	28.6	6,196	27.7	8,096	26.3	83,847	30.6
Agricultural and veterinary sciences	5,068	0.6	239	0.3	12	0.6	147	0.2	106	0.2	3	0.4	1,668	0.6	84	0.4	83	0.3	2,726	1.0
Biological and biomedical sciences	62,284	7.8	6,048	7.6	122	6.3	6,162	8.4	2,574	5.1	49	6.9	24,479	9.3	2,055	9.2	2,063	6.7	18,732	6.8
Computer and information sciences	25,193	3.2	750	0.9	31	1.6	2,131	2.9	925	1.8	13	1.8	4,173	1.6	408	1.8	1,148	3.7	15,614	5.7
Geosciences, atmospheric, and ocean sciences	6,834	0.9	534	0.7	11	0.6	305	0.4	178	0.4	6	0.8	3,029	1.1	251	1.1	287	0.9	2,233	0.8
Mathematics and statistics	14,207	1.8	712	0.9	8	0.4	1,110	1.5	210	0.4	7	1.0	4,048	1.5	289	1.3	387	1.3	7,436	2.7
Multidisciplinary and interdisciplinary sciences	5,566	0.7	415	0.5	14	0.7	385	0.5	297	0.6	2	0.3	1,891	0.7	160	0.7	158	0.5	2,244	0.8
Natural resources and conservation	4,233	0.5	342	0.4	52	2.7	162	0.2	169	0.3	3	0.4	1,934	0.7	118	0.5	116	0.4	1,337	0.5
Physical sciences	39,494	5.0	2,673	3.4	42	2.2	2,645	3.6	871	1.7	10	1.4	13,863	5.3	986	4.4	989	3.2	17,415	6.4
Psychology	25,002	3.1	3,976	5.0	111	5.7	1,618	2.2	3,044	6.0	33	4.6	10,488	4.0	988	4.4	1,617	5.2	3,127	1.1
Social sciences	31,730	4.0	2,559	3.2	156	8.0	1,632	2.2	2,427	4.8	37	5.2	9,831	3.7	857	3.8	1,248	4.0	12,983	4.7
Engineering	76,556	9.6	3,603	4.5	71	3.6	5,427	7.4	1,880	3.7	38	5.4	17,883	6.8	1,587	7.1	1,850	6.0	44,217	16.2
Aerospace, aeronautical, and astronautical engineering	3,161	0.4	218	0.3	2	0.1	303	0.4	73	0.1	2	0.3	1,238	0.5	104	0.5	67	0.2	1,154	0.4
Biological, biomedical, and biosystems engineering	10,339	1.3	813	1.0	9	0.5	1,208	1.7	349	0.7	7	1.0	3,043	1.2	326	1.5	471	1.5	4,113	1.5
Chemical, petroleum, and chemical-related engineering	7,882	1.0	363	0.5	7	0.4	647	0.9	147	0.3	2	0.3	1,974	0.7	158	0.7	157	0.5	4,427	1.6
Civil, environmental, transportation and related engineering fields	7,766	1.0	262	0.3	11	0.6	283	0.4	155	0.3	6	0.8	1,338	0.5	98	0.4	126	0.4	5,487	2.0
Electrical, electronics, communications and computer engineering	17,640	2.2	537	0.7	10	0.5	1,176	1.6	288	0.6	5	0.7	2,797	1.1	248	1.1	376	1.2	12,203	4.5
Industrial, manufacturing, systems engineering and operations research	4,146	0.5	133	0.2	5	0.3	237	0.3	190	0.4	4	0.6	843	0.3	61	0.3	131	0.4	2,542	0.9
Mechanical engineering	11,986	1.5	602	0.8	10	0.5	714	1.0	224	0.4	6	0.8	2,741	1.0	256	1.1	229	0.7	7,204	2.6
Metallurgical, mining, materials and related engineering fields	4,936	0.6	293	0.4	3	0.2	355	0.5	99	0.2	1	0.1	1,392	0.5	136	0.6	87	0.3	2,570	0.9
Other engineering	8,700	1.1	382	0.5	14	0.7	504	0.7	355	0.7	5	0.7	2,517	1.0	200	0.9	206	0.7	4,517	1.7

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(Number and percent)

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					American Indian or Alaska Native		Asian		Black or African American		Native Hawaiian or Other Pacific Islander		White		More than one race					
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Health	18,931	2.4	1,787	2.3	90	4.6	1,489	2.0	2,482	4.9	19	2.7	7,071	2.7	519	2.3	773	2.5	4,701	1.7
Clinical medicine[a]	6,636	0.8	743	0.9	59	3.0	585	0.8	1,106	2.2	11	1.5	2,210	0.8	213	1.0	246	0.8	1,463	0.5
Other health	12,295	1.5	1,044	1.3	31	1.6	904	1.2	1,376	2.7	8	1.1	4,861	1.8	306	1.4	527	1.7	3,238	1.2

[a] Clinical medicine includes graduate students in public health, in medical clinical sciences and clinical and medical laboratory sciences, and in clinical medicine not elsewhere classified.

Note(s):
Percentages may not add to total because of rounding. Ethnicity and race data are available only for U.S. citizens and permanent residents. Hispanic or Latino may be any race; race categories exclude Hispanic origin. For more information on the mapping of Survey of Graduate Students and Postdoctorates in Science and Engineering fields and codes, see table A-6. Graduate student data in this table include master's students in health sciences. For more information on the comparability of these counts to other data published by the National Center for Science and Engineering Statistics, see the "Technical Notes."

Source(s):
National Center for Science and Engineering Statistics, Survey of Graduate Students and Postdoctorates in Science and Engineering, 2025.