

**Table 1. Enrollment of master’s students and doctoral students in science, engineering, and health, by field: 2020–24**

(Number and percent change)

Characteristic	Master's students							Doctoral students								
	2020	2021	2022	2023	2023adjusted	2024	Percent change		2020	2021	2022	2023	2023adjusted	2024	Percent change	
							2020–24	2023adjusted–24							2020–24	2023adjusted–24
All graduate students	414,478	466,613	501,311	510,866	504,279	505,930	22.1	0.3	283,335	293,543	297,223	307,229	306,907	312,148	10.2	1.7
Science and engineering	354,354	400,922	435,003	449,087	443,876	447,040	26.2	0.7	268,021	276,912	279,163	287,961	287,899	293,339	9.4	1.9
Science	267,904	305,796	331,983	348,520	343,450	347,469	29.7	1.2	196,742	203,988	206,183	212,969	212,907	216,898	10.2	1.9
Agricultural and veterinary sciences	6,487	6,801	6,949	6,901	6,873	6,973	7.5	1.5	4,313	4,443	4,647	4,854	4,854	5,044	16.9	3.9
Biological and biomedical sciences	39,920	42,728	43,062	44,703	44,414	46,661	16.9	5.1	54,905	58,155	59,638	60,863	60,839	62,357	13.6	2.5
Computer and information sciences	80,690	102,199	129,972	143,530	141,116	137,358	70.2	-2.7	18,174	19,531	20,583	22,484	22,484	24,010	32.1	6.8
Geosciences, atmospheric, and ocean sciences	5,277	5,520	5,186	4,793	4,793	4,909	-7.0	2.4	6,515	6,770	6,784	6,801	6,801	6,857	5.2	0.8
Mathematics and statistics	18,284	20,639	20,798	20,105	20,101	19,948	9.1	-0.8	13,687	13,619	13,589	13,788	13,788	14,031	2.5	1.8
Multidisciplinary and interdisciplinary sciences	10,980	11,994	16,931	21,928	21,709	26,426	140.7	21.7	3,553	3,774	4,014	4,501	4,501	5,215	46.8	15.9
Natural resources and conservation	8,793	10,012	9,807	9,486	9,352	9,150	4.1	-2.2	3,705	3,910	3,955	4,004	4,004	4,182	12.9	4.4
Physical sciences	6,275	6,409	6,256	6,000	5,987	6,008	-4.3	0.4	36,341	37,732	37,836	38,329	38,329	39,329	8.2	2.6
Psychology	47,279	51,878	48,321	49,474	47,812	49,516	4.7	3.6	21,115	21,447	21,121	24,354	24,354	23,408	10.9	-3.9
Social sciences	43,919	47,616	44,701	41,600	41,293	40,520	-7.7	-1.9	34,434	34,607	34,016	32,991	32,953	32,465	-5.7	-1.5
Engineering	86,450	95,126	103,020	100,567	100,426	99,571	15.2	-0.9	71,279	72,924	72,980	74,992	74,992	76,441	7.2	2.0
Aerospace, aeronautical, and astronautical engineering	4,326	5,065	5,263	5,380	5,380	5,563	28.6	3.4	2,645	2,773	2,832	2,884	2,884	3,032	14.6	5.1
Biological, biomedical, and biosystems engineering	4,536	5,192	5,177	5,204	5,204	5,475	20.7	5.2	8,239	8,867	9,265	9,999	9,999	10,330	25.4	3.3
Chemical, petroleum, and chemical-related engineering	2,942	2,983	3,011	2,658	2,658	2,664	-9.4	0.2	7,612	7,713	7,590	7,888	7,888	7,935	4.2	0.6
Civil, environmental, transportation, and related engineering fields	10,819	11,730	12,621	12,082	12,064	11,360	5.0	-5.8	7,485	7,878	7,754	7,852	7,852	7,899	5.5	0.6
Electrical, electronics, communications, and computer engineering	25,312	27,695	32,316	31,093	31,086	30,841	21.8	-0.8	17,720	17,570	17,585	17,706	17,706	17,774	0.3	0.4
Industrial, manufacturing, systems engineering, and operations research	11,030	11,949	12,579	11,873	11,852	11,704	6.1	-1.2	3,839	3,921	3,856	3,889	3,889	4,046	5.4	4.0
Mechanical engineering	14,305	15,718	16,029	15,335	15,335	15,136	5.8	-1.3	11,477	11,540	11,523	11,679	11,679	11,858	3.3	1.5
Metallurgical, mining, materials, and related engineering fields	2,299	2,518	2,545	2,462	2,462	2,503	8.9	1.7	4,882	4,904	4,573	4,782	4,782	4,858	-0.5	1.6
Other engineering	10,881	12,276	13,479	14,480	14,385	14,325	31.7	-0.4	7,380	7,758	8,002	8,313	8,313	8,709	18.0	4.8
Health	60,124	65,691	66,308	61,779	60,403	58,890	-2.1	-2.5	15,314	16,631	18,060	19,268	19,008	18,809	22.8	-1.0
Clinical medicine	29,748	34,021	33,251	28,484	28,239	26,645	-10.4	-5.6	4,796	5,612	5,966	6,174	6,006	6,399	33.4	6.5
Other health	30,376	31,670	33,057	33,295	32,164	32,245	6.2	0.3	10,518	11,019	12,094	13,094	13,002	12,410	18.0	-4.6

**Note(s):**

The 2023adjusted column removes the data from the institutions determined to be no longer eligible for the Survey of Graduate Students and Postdoctorates in Science and Engineering (GSS) during the 2024 frame review. For more information, see the InfoBrief *Impact of the 2024 GSS Institutional Eligibility Review on Counts of GSS Master’s Students* at <https://nces.nsf.gov/pubs/nsf25346>. For more information on the mapping of fields and codes in the GSS, see table A-6 at <https://nces.nsf.gov/surveys/graduate-students-postdoctorates-s-e/2024#methodology>.

**Source(s):**

National Center for Science and Engineering Statistics, Survey of Graduate Students and Postdoctorates in Science and Engineering.