

TABLE D-11. Enrollment status of S&amp;E graduate students, by field, citizenship, and race/ethnicity: 2004

Field and enrollment status	U.S. citizens and permanent residents								
	S&E graduate students	American						Other/ unknown	Temporary resident
		White	Asian/ Pacific Islander	Black	Hispanic	Indian/ Alaska Native			
S&E	476,331	224,982	31,508	24,695	22,388	1,863	27,795	143,100	
Full time	340,615	151,555	20,548	14,067	14,284	1,256	16,556	122,349	
Part time	135,716	73,427	10,960	10,628	8,104	607	11,239	20,751	
Science	352,630	181,741	21,215	21,283	18,187	1,584	22,242	86,378	
Full time	253,570	125,425	14,501	12,097	11,867	1,100	13,781	74,799	
Part time	99,060	56,316	6,714	9,186	6,320	484	8,461	11,579	
Agricultural sciences	13,445	8,936	340	394	528	82	485	2,680	
Full time	10,040	6,261	264	298	412	59	334	2,412	
Part time	3,405	2,675	76	96	116	23	151	268	
Biological sciences	66,520	36,049	5,354	2,886	3,033	249	3,261	15,688	
Full time	55,819	29,265	4,611	2,238	2,521	205	2,464	14,515	
Part time	10,701	6,784	743	648	512	44	797	1,173	
Anatomy	917	502	101	51	39	2	37	185	
Full time	821	434	97	38	39	2	35	176	
Part time	96	68	4	13	0	0	2	9	
Biochemistry	5,612	2,587	449	156	212	10	220	1,978	
Full time	5,318	2,442	423	143	192	10	204	1,904	
Part time	294	145	26	13	20	0	16	74	
Biology	15,438	9,139	907	780	865	54	953	2,740	
Full time	11,535	6,559	670	519	655	39	655	2,438	
Part time	3,903	2,580	237	261	210	15	298	302	
Biometry and epidemiology	4,674	2,237	554	263	195	15	198	1,212	
Full time	3,218	1,419	360	160	138	10	125	1,006	
Part time	1,456	818	194	103	57	5	73	206	
Biophysics	1,180	586	113	23	30	7	46	375	
Full time	1,115	548	107	19	28	6	45	362	
Part time	65	38	6	4	2	1	1	13	
Botany	1,831	968	101	18	63	10	76	595	
Full time	1,653	845	95	16	61	8	70	558	
Part time	178	123	6	2	2	2	6	37	
Cell and molecular biology	5,830	2,883	567	186	243	18	320	1,613	
Full time	5,395	2,665	527	175	222	17	268	1,521	
Part time	435	218	40	11	21	1	52	92	
Ecology	2,185	1,597	51	27	65	12	161	272	
Full time	1,531	1,085	39	21	42	10	106	228	
Part time	654	512	12	6	23	2	55	44	
Entomology and parasitology	1,241	816	34	11	38	6	33	303	
Full time	1,046	654	27	11	34	5	30	285	
Part time	195	162	7	0	4	1	3	18	
Genetics	2,129	1,132	185	68	62	13	117	552	
Full time	2,047	1,078	180	64	60	13	113	539	
Part time	82	54	5	4	2	0	4	13	
Microbiology, immunology, and virology	5,375	2,865	487	244	295	18	238	1,228	
Full time	5,083	2,675	465	226	288	17	216	1,196	
Part time	292	190	22	18	7	1	22	32	
Nutrition	4,726	2,532	329	293	245	9	180	1,138	
Full time	3,371	1,686	254	185	153	5	107	981	
Part time	1,355	846	75	108	92	4	73	157	
Pathology	1,540	863	181	59	61	5	55	316	
Full time	1,350	743	157	52	54	3	41	300	
Part time	190	120	24	7	7	2	14	16	
Pharmacology	3,122	1,564	303	192	144	21	89	809	
Full time	2,974	1,482	289	182	138	19	84	780	
Part time	148	82	14	10	6	2	5	29	

TABLE D-11. Enrollment status of S&amp;E graduate students, by field, citizenship, and race/ethnicity: 2004

Field and enrollment status	S&E graduate students	U.S. citizens and permanent residents							Temporary resident
		White	Asian/ Pacific Islander	Black	Hispanic	American			
						Indian/ Alaska Native	Other/ unknown		
Physiology	2,441	1,243	379	104	94	13	77	531	
Full time	2,251	1,132	368	97	90	12	62	490	
Part time	190	111	11	7	4	1	15	41	
Zoology	1,236	932	40	11	28	7	36	182	
Full time	1,072	792	39	9	21	6	32	173	
Part time	164	140	1	2	7	1	4	9	
Other	7,043	3,603	573	400	354	29	425	1,659	
Full time	6,039	3,026	514	321	306	23	271	1,578	
Part time	1,004	577	59	79	48	6	154	81	
Computer sciences	50,331	17,043	5,167	1,818	1,160	93	3,248	21,802	
Full time	29,281	7,992	2,204	800	505	49	1,249	16,482	
Part time	21,050	9,051	2,963	1,018	655	44	1,999	5,320	
Earth, atmospheric, and ocean sciences	15,110	10,327	436	260	537	67	701	2,782	
Full time	11,685	7,582	356	194	417	51	529	2,556	
Part time	3,425	2,745	80	66	120	16	172	226	
Atmospheric	1,086	663	59	36	27	4	30	267	
Full time	963	571	53	34	24	3	27	251	
Part time	123	92	6	2	3	1	3	16	
Earth	7,337	5,096	149	83	217	33	312	1,447	
Full time	5,712	3,789	119	60	153	24	239	1,328	
Part time	1,625	1,307	30	23	64	9	73	119	
Ocean	2,801	1,933	69	30	161	11	100	497	
Full time	2,284	1,471	62	27	150	10	84	480	
Part time	517	462	7	3	11	1	16	17	
Other	3,886	2,635	159	111	132	19	259	571	
Full time	2,726	1,751	122	73	90	14	179	497	
Part time	1,160	884	37	38	42	5	80	74	
Mathematics and statistics	19,873	8,832	1,332	692	618	39	1,006	7,354	
Full time	14,881	6,007	886	391	361	19	585	6,632	
Part time	4,992	2,825	446	301	257	20	421	722	
Mathematics	15,885	7,556	1,029	579	544	39	861	5,277	
Full time	11,880	5,161	693	330	311	19	521	4,845	
Part time	4,005	2,395	336	249	233	20	340	432	
Statistics	3,988	1,276	303	113	74	0	145	2,077	
Full time	3,001	846	193	61	50	0	64	1,787	
Part time	987	430	110	52	24	0	81	290	
Physical sciences	35,772	15,723	1,752	995	1,232	78	1,443	14,549	
Full time	31,686	13,724	1,439	803	1,026	68	1,093	13,533	
Part time	4,086	1,999	313	192	206	10	350	1,016	
Astronomy	1,119	631	38	10	23	3	44	370	
Full time	1,078	605	37	10	23	3	39	361	
Part time	41	26	1	0	0	0	5	9	
Chemistry	20,776	9,170	1,188	713	837	54	741	8,073	
Full time	18,311	8,057	955	568	708	49	563	7,411	
Part time	2,465	1,113	233	145	129	5	178	662	
Physics	13,309	5,598	501	248	343	18	571	6,030	
Full time	12,028	4,896	435	216	285	14	477	5,705	
Part time	1,281	702	66	32	58	4	94	325	
Other	568	324	25	24	29	3	87	76	
Full time	269	166	12	9	10	2	14	56	
Part time	299	158	13	15	19	1	73	20	
Psychology	54,052	33,636	2,444	4,994	4,777	323	4,713	3,165	
Full time	37,805	23,698	1,751	2,758	3,356	248	3,353	2,641	
Part time	16,247	9,938	693	2,236	1,421	75	1,360	524	

TABLE D-11. Enrollment status of S&amp;E graduate students, by field, citizenship, and race/ethnicity: 2004

Field and enrollment status	U.S. citizens and permanent residents								
	S&E graduate students	American						Other/ unknown	Temporary resident
		White	Asian/ Pacific Islander	Black	Hispanic	Indian/ Alaska Native			
Clinical	13,671	8,636	671	894	1,737	92	1,209	432	
Full time	10,195	6,448	487	649	1,362	70	839	340	
Part time	3,476	2,188	184	245	375	22	370	92	
General	16,276	10,154	813	1,828	1,035	104	968	1,374	
Full time	11,776	7,514	633	897	725	78	676	1,253	
Part time	4,500	2,640	180	931	310	26	292	121	
Nonclinical	24,105	14,846	960	2,272	2,005	127	2,536	1,359	
Full time	15,834	9,736	631	1,212	1,269	100	1,838	1,048	
Part time	8,271	5,110	329	1,060	736	27	698	311	
Social sciences	97,527	51,195	4,390	9,244	6,302	653	7,385	18,358	
Full time	62,373	30,896	2,990	4,615	3,269	401	4,174	16,028	
Part time	35,154	20,299	1,400	4,629	3,033	252	3,211	2,330	
Agricultural economics	2,195	965	45	52	50	26	64	993	
Full time	1,888	795	40	42	45	11	52	903	
Part time	307	170	5	10	5	15	12	90	
Anthropology (cultural and social)	7,826	5,253	295	271	455	105	585	862	
Full time	5,832	3,816	231	216	323	78	420	748	
Part time	1,994	1,437	64	55	132	27	165	114	
Economics	12,250	3,845	617	381	358	30	481	6,538	
Full time	9,969	2,705	463	250	227	18	355	5,951	
Part time	2,281	1,140	154	131	131	12	126	587	
Geography	4,809	3,315	144	150	143	24	244	789	
Full time	3,172	2,078	96	83	91	12	152	660	
Part time	1,637	1,237	48	67	52	12	92	129	
History and philosophy of science	994	700	48	30	56	7	84	69	
Full time	533	355	28	14	24	5	43	64	
Part time	461	345	20	16	32	2	41	5	
Linguistics	2,941	1,349	175	46	148	17	202	1,004	
Full time	2,364	1,056	123	36	88	14	129	918	
Part time	577	293	52	10	60	3	73	86	
Political science/public administration	39,238	20,472	1,802	4,945	3,059	219	3,745	4,996	
Full time	21,139	10,567	1,091	2,137	1,307	108	1,808	4,121	
Part time	18,099	9,905	711	2,808	1,752	111	1,937	875	
Sociology	8,895	5,030	391	1,056	635	56	458	1,269	
Full time	6,428	3,619	288	598	419	42	328	1,134	
Part time	2,467	1,411	103	458	216	14	130	135	
Other	18,379	10,266	873	2,313	1,398	169	1,522	1,838	
Full time	11,048	5,905	630	1,239	745	113	887	1,529	
Part time	7,331	4,361	243	1,074	653	56	635	309	
Engineering	123,701	43,241	10,293	3,412	4,201	279	5,553	56,722	
Full time	87,045	26,130	6,047	1,970	2,417	156	2,775	47,550	
Part time	36,656	17,111	4,246	1,442	1,784	123	2,778	9,172	
Aerospace	4,089	1,791	212	68	118	16	196	1,688	
Full time	3,243	1,300	150	42	75	9	119	1,548	
Part time	846	491	62	26	43	7	77	140	
Agricultural	998	430	47	22	8	1	14	476	
Full time	808	328	39	22	6	0	9	404	
Part time	190	102	8	0	2	1	5	72	
Biomedical	5,892	2,363	844	195	181	16	233	2,060	
Full time	5,103	2,037	745	166	151	15	201	1,788	
Part time	789	326	99	29	30	1	32	272	

TABLE D-11. Enrollment status of S&amp;E graduate students, by field, citizenship, and race/ethnicity: 2004

Field and enrollment status	U.S. citizens and permanent residents								
	S&E graduate students	American						Other/ unknown	Temporary resident
		White	Asian/ Pacific Islander	Black	Hispanic	Alaska Native	Indian/ Alaska Native		
Chemical	7,452	2,666	528	169	249	27	191	3,622	
Full time	6,379	2,158	418	137	208	25	125	3,308	
Part time	1,073	508	110	32	41	2	66	314	
Civil	18,560	8,264	1,022	452	895	51	770	7,106	
Full time	13,587	5,522	662	261	558	33	450	6,101	
Part time	4,973	2,742	360	191	337	18	320	1,005	
Electrical	38,995	9,444	4,106	861	1,097	54	1,643	21,790	
Full time	26,732	5,050	2,258	488	560	27	704	17,645	
Part time	12,263	4,394	1,848	373	537	27	939	4,145	
Engineering sciences/physics	2,198	865	163	38	45	11	65	1,011	
Full time	1,741	616	124	26	31	9	42	893	
Part time	457	249	39	12	14	2	23	118	
Industrial/manufacturing	13,852	5,484	974	714	629	48	908	5,095	
Full time	6,591	1,514	342	253	233	10	247	3,992	
Part time	7,261	3,970	632	461	396	38	661	1,103	
Mechanical	17,946	6,991	1,016	369	606	24	764	8,176	
Full time	12,787	4,257	626	243	363	18	381	6,899	
Part time	5,159	2,734	390	126	243	6	383	1,277	
Metallurgical and materials	5,059	1,818	345	105	98	6	130	2,557	
Full time	4,359	1,468	284	78	74	3	89	2,363	
Part time	700	350	61	27	24	3	41	194	
Mining	308	157	6	5	10	1	10	119	
Full time	238	112	6	4	5	1	7	103	
Part time	70	45	0	1	5	0	3	16	
Nuclear	971	492	42	20	28	3	31	355	
Full time	809	375	33	15	21	2	24	339	
Part time	162	117	9	5	7	1	7	16	
Petroleum	845	123	24	21	15	0	11	651	
Full time	660	66	19	14	12	0	8	541	
Part time	185	57	5	7	3	0	3	110	
Other	6,536	2,353	964	373	222	21	587	2,016	
Full time	4,008	1,327	341	221	120	4	369	1,626	
Part time	2,528	1,026	623	152	102	17	218	390	

NOTES: Race/ethnicity breakouts are for U.S. citizens and permanent residents only. Temporary residents include all racial/ethnic groups.

SOURCE: National Science Foundation, Division of Science Resources Statistics, Survey of Graduate Students and Postdoctorates in Science and Engineering, 2004.