

TABLE D-11. Enrollment status of S&E graduate students, by field, citizenship, and race/ethnicity: 2005

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		
S&E	478,782	226,137	30,852	25,346	23,481	2,124	31,610	139,232	
Full time	341,778	152,242	20,055	14,228	14,940	1,298	18,640	120,375	
Part time	137,004	73,895	10,797	11,118	8,541	826	12,970	18,857	
Science	358,309	183,301	21,185	21,876	19,391	1,695	25,464	85,397	
Full time	257,403	126,467	14,594	12,259	12,536	1,139	15,470	74,938	
Part time	100,906	56,834	6,591	9,617	6,855	556	9,994	10,459	
Agricultural sciences	13,123	8,662	300	417	506	76	513	2,649	
Full time	9,710	5,995	230	310	374	50	355	2,396	
Part time	3,413	2,667	70	107	132	26	158	253	
Biological sciences	68,449	36,635	5,461	2,980	3,146	278	3,547	16,402	
Full time	57,651	29,899	4,648	2,317	2,617	223	2,698	15,249	
Part time	10,798	6,736	813	663	529	55	849	1,153	
Anatomy	938	523	92	48	41	2	44	188	
Full time	844	462	90	41	38	2	38	173	
Part time	94	61	2	7	3	0	6	15	
Biochemistry	5,814	2,582	458	169	243	15	258	2,089	
Full time	5,470	2,398	428	156	228	14	238	2,008	
Part time	344	184	30	13	15	1	20	81	
Biology	15,668	9,120	877	791	876	68	942	2,994	
Full time	11,913	6,660	666	532	654	53	646	2,702	
Part time	3,755	2,460	211	259	222	15	296	292	
Biometry and epidemiology	4,805	2,227	581	282	193	15	305	1,202	
Full time	3,417	1,490	358	187	130	12	235	1,005	
Part time	1,388	737	223	95	63	3	70	197	
Biophysics	1,183	562	131	24	37	3	51	375	
Full time	1,120	524	118	20	36	3	50	369	
Part time	63	38	13	4	1	0	1	6	
Botany	1,860	966	76	17	49	8	79	665	
Full time	1,667	836	67	16	43	4	69	632	
Part time	193	130	9	1	6	4	10	33	
Cell and molecular biology	6,177	2,986	668	176	280	23	356	1,688	
Full time	5,770	2,783	623	164	263	20	303	1,614	
Part time	407	203	45	12	17	3	53	74	
Ecology	2,165	1,593	53	28	71	11	160	249	
Full time	1,600	1,159	38	18	51	9	117	208	
Part time	565	434	15	10	20	2	43	41	
Entomology and parasitology	1,126	713	28	14	47	9	33	282	
Full time	943	562	23	12	44	4	28	270	
Part time	183	151	5	2	3	5	5	12	
Genetics	2,155	1,164	182	70	63	10	101	565	
Full time	2,063	1,109	176	67	62	10	95	544	
Part time	92	55	6	3	1	0	6	21	
Microbiology, immunology, and virology	5,401	2,857	487	255	307	16	259	1,220	
Full time	5,074	2,647	462	229	298	14	238	1,186	
Part time	327	210	25	26	9	2	21	34	
Nutrition	4,817	2,604	338	270	204	15	243	1,143	
Full time	3,424	1,746	236	169	122	9	142	1,000	
Part time	1,393	858	102	101	82	6	101	143	
Pathology	1,576	879	159	67	58	8	65	340	
Full time	1,358	743	134	62	48	6	48	317	
Part time	218	136	25	5	10	2	17	23	
Pharmacology	3,114	1,514	307	184	145	20	91	853	
Full time	2,905	1,408	284	155	137	20	79	822	
Part time	209	106	23	29	8	0	12	31	

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Physiology	2,399	1,264	372	97	104	12	84	466	
Full time	2,187	1,127	354	88	91	12	70	445	
Part time	212	137	18	9	13	0	14	21	
Zoology	1,264	922	35	12	36	10	38	211	
Full time	1,094	789	35	11	30	7	36	186	
Part time	170	133	0	1	6	3	2	25	
Other	7,987	4,159	617	476	392	33	438	1,872	
Full time	6,802	3,456	556	390	342	24	266	1,768	
Part time	1,185	703	61	86	50	9	172	104	
Computer sciences	48,046	16,595	4,671	1,761	1,202	100	3,226	20,491	
Full time	28,317	7,727	2,040	765	495	41	1,230	16,019	
Part time	19,729	8,868	2,631	996	707	59	1,996	4,472	
Earth, atmospheric, and ocean sciences	14,827	10,120	415	262	507	61	701	2,761	
Full time	11,370	7,400	329	170	408	47	533	2,483	
Part time	3,457	2,720	86	92	99	14	168	278	
Atmospheric	1,146	697	58	30	36	3	39	283	
Full time	1,002	595	48	27	34	3	32	263	
Part time	144	102	10	3	2	0	7	20	
Earth	7,212	5,010	136	82	206	29	322	1,427	
Full time	5,537	3,679	102	48	153	22	252	1,281	
Part time	1,675	1,331	34	34	53	7	70	146	
Ocean	2,760	1,896	65	37	150	11	111	490	
Full time	2,198	1,427	54	29	136	9	79	464	
Part time	562	469	11	8	14	2	32	26	
Other	3,709	2,517	156	113	115	18	229	561	
Full time	2,633	1,699	125	66	85	13	170	475	
Part time	1,076	818	31	47	30	5	59	86	
Mathematics and statistics	20,210	8,915	1,419	721	633	38	1,088	7,396	
Full time	15,261	6,154	917	415	380	25	688	6,682	
Part time	4,949	2,761	502	306	253	13	400	714	
Mathematics	16,106	7,661	1,062	617	565	34	917	5,250	
Full time	12,051	5,298	682	357	325	23	581	4,785	
Part time	4,055	2,363	380	260	240	11	336	465	
Statistics	4,104	1,254	357	104	68	4	171	2,146	
Full time	3,210	856	235	58	55	2	107	1,897	
Part time	894	398	122	46	13	2	64	249	
Physical sciences	36,396	16,327	1,706	1,008	1,240	82	1,417	14,616	
Full time	32,386	14,225	1,423	784	1,054	70	1,135	13,695	
Part time	4,010	2,102	283	224	186	12	282	921	
Astronomy	1,191	677	46	10	27	5	63	363	
Full time	1,129	635	42	10	25	5	56	356	
Part time	62	42	4	0	2	0	7	7	
Chemistry	21,122	9,463	1,135	694	821	53	739	8,217	
Full time	18,760	8,359	923	532	724	46	574	7,602	
Part time	2,362	1,104	212	162	97	7	165	615	
Physics	13,472	5,765	503	272	358	20	588	5,966	
Full time	12,210	5,061	444	229	296	16	491	5,673	
Part time	1,262	704	59	43	62	4	97	293	
Other	611	422	22	32	34	4	27	70	
Full time	287	170	14	13	9	3	14	64	
Part time	324	252	8	19	25	1	13	6	
Psychology	57,412	34,479	2,569	5,251	5,119	334	6,632	3,028	
Full time	38,957	23,954	1,794	2,857	3,505	242	4,140	2,465	
Part time	18,455	10,525	775	2,394	1,614	92	2,492	563	

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Clinical	14,283	8,618	672	874	1,761	88	1,781	489	
Full time	10,531	6,378	488	601	1,353	71	1,240	400	
Part time	3,752	2,240	184	273	408	17	541	89	
General	16,786	10,707	869	1,682	1,186	99	1,092	1,151	
Full time	12,091	7,903	654	957	785	66	734	992	
Part time	4,695	2,804	215	725	401	33	358	159	
Nonclinical	26,343	15,154	1,028	2,695	2,172	147	3,759	1,388	
Full time	16,335	9,673	652	1,299	1,367	105	2,166	1,073	
Part time	10,008	5,481	376	1,396	805	42	1,593	315	
Social sciences	99,846	51,568	4,644	9,476	7,038	726	8,340	18,054	
Full time	63,751	31,113	3,213	4,641	3,703	441	4,691	15,949	
Part time	36,095	20,455	1,431	4,835	3,335	285	3,649	2,105	
Agricultural economics	2,118	912	43	65	54	23	65	956	
Full time	1,822	734	39	49	47	13	54	886	
Part time	296	178	4	16	7	10	11	70	
Anthropology (cultural and social)	7,706	5,077	305	277	470	123	609	845	
Full time	5,833	3,745	243	220	352	88	434	751	
Part time	1,873	1,332	62	57	118	35	175	94	
Economics	11,805	3,713	593	319	336	19	448	6,377	
Full time	9,715	2,695	442	208	214	15	331	5,810	
Part time	2,090	1,018	151	111	122	4	117	567	
Geography	4,772	3,255	153	160	153	34	236	781	
Full time	3,196	2,065	107	90	104	18	158	654	
Part time	1,576	1,190	46	70	49	16	78	127	
History and philosophy of science	965	679	36	42	60	5	64	79	
Full time	582	381	31	21	28	3	41	77	
Part time	383	298	5	21	32	2	23	2	
Linguistics	3,187	1,540	247	64	163	17	226	930	
Full time	2,519	1,179	178	44	110	17	147	844	
Part time	668	361	69	20	53	0	79	86	
Political science/public administration	41,106	21,115	1,975	5,000	3,370	251	4,523	4,872	
Full time	22,243	10,979	1,231	2,121	1,461	124	2,187	4,140	
Part time	18,863	10,136	744	2,879	1,909	127	2,336	732	
Sociology	9,037	5,032	401	1,086	664	62	493	1,299	
Full time	6,633	3,659	314	650	458	39	368	1,145	
Part time	2,404	1,373	87	436	206	23	125	154	
Other	19,150	10,245	891	2,463	1,768	192	1,676	1,915	
Full time	11,208	5,676	628	1,238	929	124	971	1,642	
Part time	7,942	4,569	263	1,225	839	68	705	273	
Engineering	120,473	42,836	9,667	3,470	4,090	429	6,146	53,835	
Full time	84,375	25,775	5,461	1,969	2,404	159	3,170	45,437	
Part time	36,098	17,061	4,206	1,501	1,686	270	2,976	8,398	
Aerospace	4,170	1,844	251	73	116	13	231	1,642	
Full time	3,241	1,313	173	47	80	8	142	1,478	
Part time	929	531	78	26	36	5	89	164	
Agricultural	1,059	441	37	25	13	3	19	521	
Full time	855	311	33	19	11	1	17	463	
Part time	204	130	4	6	2	2	2	58	
Biomedical	6,067	2,424	802	192	192	13	305	2,139	
Full time	5,254	2,099	686	169	151	12	268	1,869	
Part time	813	325	116	23	41	1	37	270	

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Chemical	7,173	2,561	508	146	240	24	211	3,483	
Full time	6,139	2,056	390	116	204	23	147	3,203	
Part time	1,034	505	118	30	36	1	64	280	
Civil	18,050	8,139	1,006	456	896	52	868	6,633	
Full time	13,118	5,441	617	273	590	32	522	5,643	
Part time	4,932	2,698	389	183	306	20	346	990	
Electrical	37,444	9,144	3,788	843	1,090	54	1,787	20,738	
Full time	25,843	4,961	2,004	462	578	26	774	17,038	
Part time	11,601	4,183	1,784	381	512	28	1,013	3,700	
Engineering sciences/physics	1,951	793	143	36	43	9	72	855	
Full time	1,613	594	119	22	29	9	54	786	
Part time	338	199	24	14	14	0	18	69	
Industrial/manufacturing	13,614	5,632	1,046	764	579	51	993	4,549	
Full time	6,113	1,500	310	255	210	15	282	3,541	
Part time	7,501	4,132	736	509	369	36	711	1,008	
Mechanical	17,387	6,898	987	411	575	28	845	7,643	
Full time	12,178	4,117	582	282	331	20	405	6,441	
Part time	5,209	2,781	405	129	244	8	440	1,202	
Metallurgical and materials	5,160	1,859	315	102	106	5	131	2,642	
Full time	4,507	1,534	274	80	81	4	93	2,441	
Part time	653	325	41	22	25	1	38	201	
Mining	279	121	6	3	9	0	22	118	
Full time	212	82	3	3	6	0	17	101	
Part time	67	39	3	0	3	0	5	17	
Nuclear	1,013	534	47	21	38	3	31	339	
Full time	840	407	37	17	26	3	25	325	
Part time	173	127	10	4	12	0	6	14	
Petroleum	808	114	21	31	17	0	9	616	
Full time	631	59	10	19	11	0	4	528	
Part time	177	55	11	12	6	0	5	88	
Other	6,298	2,332	710	367	176	174	622	1,917	
Full time	3,831	1,301	223	205	96	6	420	1,580	
Part time	2,467	1,031	487	162	80	168	202	337	

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, 2005.