

**Table 21. Part-time graduate science, engineering, and health students in
doctorate-granting institutions, by department and year: 1990-1999**

Field	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
Total, all departments	126,863	129,749	134,804	136,954	135,994	133,914	129,734	125,130	123,434	123,191
Biological sciences, total	7,082	7,095	7,636	7,709	7,745	7,804	7,997	7,945	7,770	7,894
Anatomy	88	89	69	48	96	78	69	61	54	42
Biochemistry	195	220	303	317	366	331	258	267	249	282
Biology	2,416	2,420	2,703	2,755	2,601	2,555	2,900	2,831	2,659	2,584
Biometry/epidemiology	640	600	731	668	654	719	839	895	925	971
Biophysics	37	18	23	25	24	45	26	20	30	29
Botany	371	387	386	354	396	459	373	347	330	303
Cell biology	71	94	133	178	161	182	201	158	174	209
Ecology	164	171	179	211	233	232	258	315	341	339
Entomology/parasitology	176	157	177	208	197	200	207	166	168	174
Genetics	109	107	111	93	96	79	74	93	81	94
Microbiology	469	489	487	437	416	379	406	421	399	348
Nutrition	1,186	1,113	1,094	1,127	1,176	1,180	1,079	1,098	1,097	1,157
Pathology	232	293	241	221	244	225	244	203	187	158
Pharmacology	131	128	132	144	158	171	153	136	161	178
Physiology	160	169	157	152	157	164	160	196	161	188
Zoology	420	408	349	372	373	322	282	210	252	232
Biosciences, n.e.c.	217	232	361	399	397	483	468	528	502	606
Health sciences, total	22,817	23,551	25,109	26,264	27,488	28,058	26,974	25,732	25,078	24,655
Clinical medicine, total	3,866	4,214	4,274	4,833	5,278	5,232	5,123	4,815	5,215	5,270
Anesthesiology	32	58	62	21	81	71	70	48	59	67
Cancer/oncology	3	2	4	6	8	9	3	5	3	5
Cardiology	0	0	0	0	0	0	0	1	0	1
Endocrinology	1	2	1	1	1	2	0	2	0	1
Gastroenterology	0	0	0	0	0	0	0	0	0	0
Hematology	0	0	0	0	0	0	0	0	0	2
Neurology	22	28	45	58	48	60	54	67	52	54
Obstetrics/gynecology	0	0	0	0	0	0	0	0	3	7
Ophthalmology	16	12	11	6	8	6	14	10	16	18
Otorhinolaryngology	0	0	0	0	0	0	0	0	0	0
Pediatrics/child health	26	35	25	35	36	33	55	67	68	40
Preventive medicine/ community health	3,569	3,836	3,806	4,380	4,771	4,747	4,553	4,316	4,706	4,789
Psychiatry	3	8	52	53	53	62	61	55	46	37
Pulmonary disease	0	0	0	0	0	0	0	0	0	0
Radiology	37	64	63	55	64	43	38	23	31	19
Surgery	5	0	3	3	12	14	10	14	13	9
Clinical medicine, n.e.c.	152	169	202	215	196	185	265	207	218	221
Other health related, total	18,951	19,337	20,835	21,431	22,210	22,826	21,851	20,917	19,863	19,385
Dentistry	129	141	133	130	151	155	175	176	207	222
Nursing	13,113	13,359	14,373	14,903	16,006	16,505	15,252	14,393	13,090	12,423
Pharmaceutical sciences	739	769	713	720	701	648	604	475	585	775
Speech pathology/audiology	1,809	1,673	1,896	1,804	1,845	2,056	2,122	2,104	2,020	1,937
Veterinary sciences	183	169	180	180	179	196	210	188	216	237
Health related, n.e.c.	2,978	3,226	3,540	3,694	3,328	3,266	3,488	3,581	3,745	3,791
Psychology	11,094	12,078	12,299	12,043	11,916	11,394	10,805	11,070	11,104	10,713
Clinical	2,296	2,544	3,094	2,992	2,968	2,793	2,554	2,599	2,344	2,321
Nonclinical	5,107	6,160	5,999	5,937	5,908	5,938	5,676	5,851	6,091	5,956
Psychology, n.e.c.	3,691	3,374	3,206	3,114	3,040	2,663	2,575	2,620	2,669	2,436
Social sciences (except psychology)	22,805	23,286	24,312	25,581	25,178	25,407	24,186	22,981	22,780	23,628
Engineering	36,382	36,637	37,574	37,352	36,297	34,384	32,683	31,036	30,252	29,404
Biomedical engineering	312	291	347	379	428	385	404	374	375	361
Other engineering	36,070	36,346	37,227	36,973	35,869	33,999	32,279	30,662	29,877	29,043
Physical sciences	3,713	3,578	3,635	3,684	3,451	3,607	3,553	3,440	3,471	3,328
Chemistry	2,180	2,068	2,278	2,293	2,084	2,229	2,268	2,224	2,188	2,007
Physics	1,405	1,405	1,242	1,244	1,211	1,226	1,165	1,108	1,055	1,087
Other physical sciences	128	105	115	147	156	152	120	108	228	234
Environmental sciences	3,133	3,398	3,523	3,479	3,626	3,603	3,568	3,165	2,929	2,754
Mathematical and computer sciences	17,923	18,152	18,642	18,692	17,951	17,220	17,621	17,360	17,558	18,333
Agricultural sciences	1,914	1,974	2,074	2,150	2,342	2,437	2,347	2,401	2,492	2,482

SOURCE: NSF-NIH Survey of Graduate Students and Postdoctorates in Science and Engineering