

# Appendix B. Classification of Programs

TABLE B-1. Fields of study classification

IPEDS Completion Survey		Survey of Earned Doctorates	
Science and engineering		Science and engineering	
Science		Science	
Agricultural sciences		Agricultural sciences	
01.0000	Agriculture, general	005	Agricultural animal breeding
01.0301	Agricultural production operations, general	010	Animal nutrition
01.0302	Animal/livestock husbandry and production	012	Dairy science <sup>a</sup>
01.0303	Aquaculture	014	Animal science, poultry (or avian)
01.0304	Crop production	019	Animal science, other
01.0307	Horse husbandry/equine science and management	020	Agronomy and crop science
01.0399	Agricultural production operations, other	025	Agricultural and horticultural plant breeding
01.0401	Agricultural and food products processing	030	Plant pathology/phytopathology (see also 120)
01.0501	Agricultural supplies retailing and wholesaling	039	Plant sciences, other
01.0507	Equestrian/equine studies	043	Food science
01.0599	Agricultural and domestic animal services, other	044	Food science and technology, other
01.0601	Applied horticulture/horticulture operations, general	046	Soil chemistry/microbiology
01.0603	Ornamental horticulture	049	Soil sciences, other
01.0605	Landscaping and groundskeeping	050	Horticulture science
01.0607	Turf and turfgrass management	055	Fishing and fisheries sciences/management
01.0608	Floriculture/floristry operations and management	066	Forest sciences and biology
01.0699	Applied horticulture/horticultural business services, other	068	Forest engineering <sup>a</sup>
01.0701	International agriculture	070	Forest/resources management
01.0801	Agricultural and extension education services	072	Wood science and pulp/paper technology
01.0802	Agricultural communication/journalism	074	Natural resources/conservation
01.0899	Agricultural public services, other	079	Forestry and related sciences, other
01.0901	Animal sciences, general	080	Wildlife/range management
01.0902	Agricultural animal breeding	081/580	Environmental science
01.0903	Animal health	098	Agriculture, general
01.0904	Animal nutrition	099	Agricultural science, other
01.0905	Dairy science		
01.0906	Livestock management		
01.0907	Poultry science		
01.0999	Animal sciences, other		
01.1001	Food science		
01.1002	Food technology and processing		
01.1099	Food science and technology, other		
01.1101	Plant sciences, general		
01.1102	Agronomy and crop science		
01.1103	Horticultural science		
01.1104	Agricultural and horticultural plant breeding		
01.1105	Plant protection and integrated pest management		
01.1106	Range science and management		
01.1199	Plant sciences, other		
01.1201	Soil science and agronomy, general		
01.1202	Soil chemistry and physics		
01.1299	Soil sciences, other		
01.9999	Agriculture, agriculture operations, and related sciences, other		
03.01	Natural resources conservation		
03.02	Natural resources management/protective services		
03.03	Fishing and fisheries sciences/management		
03.05	Forestry/forest management		
03.06	Wildlife/wildlands management		
03.99	Natural resources conservation, other		
26.0707	Animal physiology		

TABLE B-1. Fields of study classification

IPEDS Completion Survey		Survey of Earned Doctorates	
Biological sciences		Biological sciences	
26.0101	Biology/biological sciences, general	100	Biochemistry (see also 539)
26.0102	Biomedical sciences, general	102	Bioinformatics <sup>b</sup>
26.0202	Biochemistry	103	Biomedical sciences
26.0203	Biophysics	105	Biophysics (see also 565)
26.0204	Molecular biology	107	Biotechnology
26.0205	Molecular biochemistry	110	Bacteriology
26.0206	Molecular biophysics	115	Plant genetics
26.0207	Structural biology	120	Plant pathology/phytopathology (see also 030)
26.0209	Radiation biology/radiobiology	125	Plant physiology
26.0210	Biochemistry/biophysics and molecular biology	129	Botany/plant biology
26.0299	Biochemistry, biophysics and molecular biology, other	130	Anatomy
26.0301	Botany/plant biology	133	Biometrics and biostatistics
26.0305	Plant pathology/phytopathology	136	Cell/cellular biology and histology
26.0307	Plant physiology	137	Evolutionary biology <sup>b</sup>
26.0308	Plant molecular biology	139	Ecology
26.0399	Botany/plant biology, other	142	Developmental biology/embryology
26.0401	Cell/cellular biology and histology	145	Endocrinology
26.0402	Molecular biology	148	Entomology
26.0403	Anatomy	151	Immunology
26.0404	Developmental biology and embryology	154	Molecular biology
26.0405	Neuroanatomy	157	Microbiology
26.0406	Cell/cellular and molecular biology	158	Cancer biology <sup>b</sup>
26.0407	Cell biology and anatomy	160	Neurosciences
26.0499	Cell/cellular biology and anatomical sciences, other	163	Nutrition sciences
26.0501	Microbiology/bacteriology	166	Parasitology
26.0502	Microbiology, general	169	Toxicology
26.0503	Medical microbiology and bacteriology	170	Genetics/genomics, human and animal
26.0504	<b>Virology</b>	175	<b>Pathology, human and animal</b>
26.0505	Parasitology	180	Pharmacology, human and animal
26.0507	Immunology	185	Physiology, human and animal
26.0599	Microbiological sciences and immunology, other	189	Zoology, other
26.0601	Anatomy	198	Biology/biomedical sciences, general
26.0603	Ecology	199	Biology/biomedical sciences, other
26.0607	Marine/aquatic biology		
26.0608	Neuroscience		
26.0609	Nutritional sciences		
26.0610	Parasitology		
26.0611	Radiation biology/radiobiology		
26.0612	Toxicology		
26.0613	Genetics, plant and animal		
26.0614	Biometrics		
26.0615	Biostatistics		
26.0616	Biotechnology research		
26.0617	Evolutionary biology		
26.0618	Biological immunology		
26.0619	Virology		
26.0699	Miscellaneous biological specializations, other		
26.0701	Zoology/animal biology		
26.0702	Entomology		
26.0704	Pathology, human and animal		
26.0706	Physiology, human and animal		
26.0708	Animal behavior and ethology		
26.0709	Wildlife biology		
26.0788	Physiology, human and animal		
26.0799	Zoology/animal biology, other		

TABLE B-1. Fields of study classification

IPEDS Completion Survey		Survey of Earned Doctorates
Biological sciences (continued)		
26.0801	Genetics, general	
26.0802	Molecular genetics	
26.0804	Animal genetics	
26.0805	Plant genetics	
26.0806	Human/medical genetics	
26.0888	Genetics, plant and animal	
26.0899	Genetics, other	
26.0901	Physiology, general	
26.0902	Molecular physiology	
26.0903	Cell physiology	
26.0904	Endocrinology	
26.0905	Reproductive biology	
26.0906	Neurobiology and neurophysiology	
26.0907	Cardiovascular science	
26.0908	Exercise physiology	
26.0909	Vision science/physiological optics	
26.0910	Pathology/experimental pathology	
26.0999	Physiology, pathology, and related sciences, other	
26.1001	Pharmacology	
26.1002	Molecular pharmacology	
26.1003	Neuropharmacology	
26.1004	Toxicology	
26.1005	Molecular toxicology	
26.1007	Pharmacology and toxicology	
26.1101	Biometry/biometrics	
26.1102	Biostatistics	
26.1199	Biomathematics and bioinformatics, other	
26.1201	Biotechnology	
26.1301	Ecology	
26.1302	Marine biology and biological oceanography	
26.1303	Evolutionary biology	
26.1304	Aquatic biology/limnology	
26.1305	Environmental biology	
26.1306	Population biology	
26.1307	Conservation biology	
26.1309	Epidemiology	
26.1399	Ecology, evolution, systematics and population biology, other	
26.9999	Biological and biomedical sciences, other	
30.1001	Biopsychology	
30.1901	Nutrition sciences	
30.2401	Neuroscience	
Earth, atmospheric, and ocean sciences		
Atmospheric sciences		Atmospheric sciences
40.0401	Atmospheric sciences and meteorology, general	510 Atmospheric chemistry and climatology
40.0403	Atmospheric physics and dynamics	512 Atmospheric physics and dynamics
40.0404	Meteorology	514 Meteorology
40.0499	Atmospheric sciences and meteorology, other	518 Atmospheric science/meteorology, general
		519 Atmospheric science/meteorology, other
Earth and ocean sciences		Earth and ocean sciences
40.0601	Geology/earth science, general	540 Geology
40.0602	Geochemistry	542 Geochemistry
40.0603	Geophysics and seismology	544 Geophysics and seismology
40.0604	Paleontology	546 Paleontology
40.0605	Hydrology and water resources science	548 Mineralogy and petrology
40.0606	Geochemistry/petrology	550 Stratigraphy and sedimentation

TABLE B-1. Fields of study classification

IPEDS Completion Survey		Survey of Earned Doctorates	
Earth and ocean sciences (continued)		Earth and ocean sciences (continued)	
40.0699	Geological and earth sciences/geosciences, other	552	Geomorphology and glacial geology
40.0607	Oceanography, chemical and physical	558	Geological and earth sciences, general
40.0702	Oceanography	559	Geological and earth sciences, other
		585	Hydrology and water resources
		590	Oceanography, chemical and physical
		595	Marine sciences
		599	Ocean/marine, other
Mathematics/computer sciences		Mathematics and computer sciences	
Computer sciences		Computer sciences	
11.0101	Computer and information sciences, general	400	Computer science
11.0102	Artificial intelligence and robotics	410	Information science and systems
11.0103	Information technology	419	Computer and information science, other <sup>f</sup>
11.0199	Computer and information sciences, other		
11.0201	Computer programming/programmer, general		
11.0202	Computer programming, specific applications		
11.0299	Computer programming, other		
11.0301	Data processing and data processing technology/technician		
11.0401	Information science/studies		
11.0501	Computer systems analysis/analyst		
11.0701	Computer science		
11.0801	Web page, digital/multimedia and information resources design		
11.0802	Data modeling/warehousing and database administration		
11.0803	Computer graphics		
11.0899	Computer software and media applications, other		
11.0901	Computer systems networking and telecommunications		
11.1001	System administration/administrator		
11.1002	System, networking, and Lan/Wan management/manager		
11.1003	Computer and information systems security		
11.1004	Web/multimedia management and webmaster		
11.1099	Computer/info tech services administration and mgmt. other		
11.9999	Computer and information sciences and support services, other		
Mathematics		Mathematics	
27.0101	Mathematics, general	420	Applied mathematics
27.0103	Analysis and functional analysis	425	Algebra
27.0199	Mathematics, other	430	Analysis and functional analysis
27.0301	Applied mathematics	435	Geometry/geometric analysis
27.0302	Operations research	440	Logic
27.0303	Computational mathematics	445	Number theory
27.0399	Applied mathematics, other	450	Statistics (see also 690)
27.0501	Statistics, general	455	Topology/foundations
27.0502	Mathematical statistics and probability	460	Computing theory and practice
27.0599	Statistics, other	465	Operations research (see also 393, 930)
27.9999	Mathematics and statistics, other	498	Mathematics/statistics, general
52.1302	Business statistics	499	Mathematics/statistics, other
52.1304	Actuarial science		
Physical sciences		Physical sciences	
Astronomy		Astronomy	
40.0201	Astronomy	500	Astronomy
40.0202	Astrophysics	505	Astrophysics
40.0203	Planetary astronomy and science		
40.0299	Astronomy and astrophysics, other		
40.0301	Astrophysics		
40.0703	Earth and planetary sciences		

TABLE B-1. Fields of study classification

IPEDS Completion Survey		Survey of Earned Doctorates	
<b>Chemistry</b>		<b>Chemistry</b>	
40.0501	Chemistry, general	520	Analytical chemistry
40.0502	Analytical chemistry	522	Inorganic chemistry
40.0503	Inorganic chemistry	524	Nuclear chemistry <sup>a</sup>
40.0504	Organic chemistry	526	Organic chemistry
40.0505	Medicinal/pharmaceutical chemistry	528	Medicinal/pharmaceutical chemistry <sup>d</sup>
40.0506	Physical and theoretical chemistry	530	Physical chemistry
40.0507	Polymer chemistry	532	Polymer chemistry
40.0508	Chemical physics	534	Theoretical chemistry
40.0599	Chemistry, other	538	Chemistry, general
51.2004	Medicinal and pharmaceutical chemistry	539	Chemistry, other (see also 100)
<b>Physics</b>		<b>Physics</b>	
40.0801	Physics, general	560	Acoustics
40.0802	Atomic/molecular physics	561	Atomic/molecular/chemical physics
40.0804	Elementary particle physics	564	Particle (elementary) physics
40.0805	Plasma and high-temperature physics	565	Biophysics (see also 105) <sup>e</sup>
40.0806	Nuclear physics	566	Fluids physics <sup>a</sup>
40.0807	Optics/optical sciences	568	Nuclear physics
40.0808	Solid state and low-temperature physics	569	Optics/phototonics
40.0809	Acoustics	570	Plasma/fusion physics
40.0810	Theoretical and mathematical physics	572	Polymer physics
40.0899	Physics, other	574	Condensed matter/low temperature physics
		576	Applied physics <sup>e</sup>
		578	Physics, general
		579	Physics, other
<b>Other physical sciences</b>			
40.0101	Physical sciences		
40.0701	Metallurgy		
40.0799	Miscellaneous physical sciences, other		
40.9999	Physical sciences, other		
<b>Psychology</b>		<b>Psychology</b>	
42.0101	Psychology, general	600	Clinical psychology
42.0201	Clinical psychology	603	Cognitive psychology and psycholinguistics
42.0301	Cognitive psychology and psycholinguistics	606	Comparative psychology
42.0401	Community psychology	609	Counseling
42.0501	Comparative psychology	612	Developmental and child psychology
42.0601	Counseling psychology	613	Human development and family studies
42.0701	Developmental and child psychology	615	Experimental psychology
42.0801	Experimental psychology	618	Educational psychology (see also 822)
42.0901	Industrial and organizational psychology	620	Family psychology
42.1001	Personality psychology	621	Industrial and organizational psychology (see also 935)
42.1101	Physiological psychology/psychobiology	624	Personality psychology
42.1601	Social psychology	627	Physiological/psychobiology psychology
42.1901	Psychometrics and quantitative psychology	630	Psychometrics <sup>a</sup>
42.2001	Clinical child psychology	633	Psychometrics and quantitative psychology
42.2101	Environmental psychology	636	School psychology (see also 825)
42.2201	Geropsychology	639	Social psychology
42.2301	Health/medical psychology	648	Psychology, general
42.2401	Psychopharmacology	649	Psychology, other
42.2501	Family psychology		
42.2601	Forensic psychology		
42.9999	Psychology, other		
51.1507	Psychoanalysis and psychotherapy		

TABLE B-1. Fields of study classification

IPEDS Completion Survey		Survey of Earned Doctorates	
Social sciences		Social sciences	
Economics		Economics	
01.0103	Agricultural economics	000	Agricultural economics
45.0601	Economics, general	667	Economics
45.0602	Applied economics	668	Econometrics
45.0603	Econometrics and quantitative economics		
45.0604	Development economics and international development		
45.0605	International economics		
45.0699	Economics, other		
Political science		Political science	
30.2001	International/global studies	674	International relations/affairs
44.0501	Public policy analysis	678	Political science and government
45.0901	International relations and affairs	682	Public policy analysis
45.1001	Political science and government, general	976	Public administration
45.1002	American government and politics (United States)		
45.1003	Canadian government and politics		
45.1099	Political science and government, other		
Sociology		Sociology	
45.1101	Sociology	686	Sociology
Other social sciences		Other social sciences	
05	Area, ethnic, cultural, and gender studies	650	Anthropology
16.0102	Linguistics	652	Area/ethnic/cultural/gender studies
30.1101	Gerontology	657	Criminal justice and corrections <sup>b</sup>
30.1501	Science, technology and society	658	Criminology
30.1701	Behavioral sciences	662	Demography/population studies
30.2301	Intercultural/multicultural and diversity studies	670	Geography
45.0101	Social sciences, general	676	Linguistics
45.0201	Anthropology	690	Statistics (see also 450)
45.0202	Physical anthropology	694	Urban affairs/studies
45.0299	Anthropology, other	695	Urban/city, community, and regional planning <sup>b</sup>
45.0301	Archeology	698	Social sciences, general
45.0401	Criminology	699	Social sciences, other
45.0501	Demography and population studies	710	History, science and technology, and society
45.0701	Geography	770	American/U.S. studies
45.0702	Cartography	773	Archaeology
45.0799	Geography, other		
45.0804	History and philosophy of science		
45.1201	Urban studies/affairs		
45.9999	Social sciences, other		
54.0104	History and philosophy of science and technology		
Engineering		Engineering	
Aeronautical/astronautical engineering		Aeronautical/astronautical engineering	
14.0201	Aerospace, aeronautical and astronautical engineering	300	Aerospace, aeronautical, and astronautical engineering
Chemical engineering		Chemical engineering	
14.0701	Chemical engineering	312	Chemical engineering
Civil engineering		Civil engineering	
14.0401	Architectural engineering	315	Civil engineering
14.0801	Civil engineering, general		
14.0802	Geotechnical engineering		
14.0803	Structural engineering		
14.0804	Transportation and highway engineering		
14.0805	Water resources engineering		
14.0899	Civil engineering, other		

TABLE B-1. Fields of study classification

IPEDS Completion Survey		Survey of Earned Doctorates	
Electrical, electronics and communications engineering		Electrical, electronics, and communications engineering	
14.0903	Computer software engineering	324	Electrical, electronics, and communications engineering
14.1001	Electrical, electronics and communications engineering		
Industrial and manufacturing engineering		Industrial and manufacturing engineering	
14.3501	Industrial engineering	339	Industrial and manufacturing engineering
14.3588	Industrial/manufacturing engineering		
14.3601	Manufacturing engineering		
Materials science engineering		Materials science engineering	
14.1801	Materials engineering	342	Materials science engineering
14.3101	Materials science		
Mechanical engineering		Mechanical engineering	
14.1901	Mechanical engineering	345	Mechanical engineering
Other engineering		Other engineering	
14.0101	Engineering, general	303	Agricultural engineering
14.0301	Agricultural/biological engineering and bioengineering	306	Bioengineering and biomedical engineering
14.0501	Biomedical/medical engineering	309	Ceramic sciences
14.0601	Ceramic sciences and engineering	318	Communications engineering
14.0901	Computer engineering, general	321	Computer engineering
14.0902	Computer hardware engineering	327	Engineering mechanics
14.0999	Computer engineering, other	330	Engineering physics
14.1101	Engineering mechanics	333	Engineering science
14.1201	Engineering physics	336	Environmental health engineering
14.1301	Engineering science	348	Metallurgical engineering
14.1401	Environmental/environmental health engineering	351	Mining and mineral engineering
14.1501	Geological engineering	357	Nuclear engineering
14.1601	Geophysical engineering	360	Ocean engineering
14.1701	Industrial/manufacturing engineering	363	Operations research
14.2001	Metallurgical engineering	366	Petroleum engineering
14.2101	Mining and mineral engineering	369	Polymer and plastics engineering
14.2201	Naval architecture and marine engineering	372	Systems engineering
14.2301	Nuclear engineering	376	Engineering management and administration <sup>b</sup>
14.2401	Ocean engineering	398	Engineering, general
14.2501	Petroleum engineering	399	Engineering, other
14.2701	Systems engineering		
14.2801	Textile sciences and engineering		
14.2901	Engineering design		
14.3201	Polymer/plastics engineering		
14.3301	Construction engineering		
14.3401	Forest engineering		
14.3801	Surveying engineering		
14.3901	Geological/geophysical engineering		
14.9999	Engineering, other		
45.0702	Cartography		
Non-science and engineering		Non-science and engineering	
Education		Education	
13	Education	Education administration	
31.0501	Health and physical education, general	805	Educational administration and supervision
31.0502	Adapted physical education/therapeutic recreation	807	Educational leadership
31.0503	Athletic training and sports medicine		
31.0504	Sport and fitness administration/management	Education research	
31.0505	Kinesiology and exercise science	800	Curriculum and instruction
31.0506	Socio-psychological sports studies	810	Educational/instructional media design
31.0599	Health and physical education/fitness, other	815	Educational statistics/research methods
39.0401	Religious education	820	Educational assessment, testing and measurement

TABLE B-1. Fields of study classification

IPEDS Completion Survey		Survey of Earned Doctorates	
Education (continued)		Education research (continued)	
42.1701	School psychology	822	Educational psychology (see also 618)
42.1801	Educational psychology	825	School psychology (see also 636)
51.0913	Athletic training/trainer	830	Social/philosophical foundations of education
		835	Special education
		840	Counseling education/counseling and guidance
		845	Higher education/evaluation and research
		Teacher education	
		850	Pre-elementary/early childhood teacher education
		852	Elementary teacher education
		856	Secondary teacher education
		858	Adult and continuing teacher education
		Teaching fields	
		860	Agricultural education
		861	Art education
		862	Business education
		864	English education
		866	Foreign languages education
		868	Health education
		870	Family and consumer/human science (see also 964)
		872	Technical and industrial arts education <sup>a</sup>
		874	Mathematics education
		876	Music education
		878	Nursing education
		880	Physical education and coaching
		882	Reading education
		884	Science education
		885	Social science education
		887	Technical education <sup>a</sup>
		888	Trade and industrial education <sup>f</sup>
		889	Teacher education and professional development
		Other education	
		898	Education, general
		899	Education, other
Health		Health	
19.0503	Dietetics/human nutritional services	200	Speech-language pathology and audiology
26.0988	Medical physiology	210	Environmental health
26.1006	Environmental toxicology	211	Environmental toxicology <sup>g</sup>
51.0000	Health services/allied health/health sciences, general	212	Health systems/services administration
51.0101	Chiropractic	215	Public health
51.0201	Communication disorders, general	220	Epidemiology
51.0202	Audiology/audiologist and hearing sciences	222	Kinesiology/exercise science
51.0203	Speech-language pathology/pathologist	230	Nursing science
51.0204	Audiology/audiologist and speech-lang. pathology/pathologist	245	Rehabilitation/therapeutic services
51.0205	Sign language interpreter	250	Veterinary sciences
51.0299	Communication disorders sciences and services, other	298	Health sciences, general
51.0301	Community health liaison	299	Health sciences, other
51.0401	Dentistry		
51.0501	Dental clinical sciences, general		
51.0502	Advanced general dentistry		
51.0503	Oral biology and oral pathology		
51.0504	Dental public health and education		
51.0505	Dental materials		
51.0506	Endodontics/endodontology		

TABLE B-1. Fields of study classification

	IPEDS Completion Survey	Survey of Earned Doctorates
Health (continued)		
51.0507	Oral/maxillofacial surgery	
51.0508	Orthodontics/orthodontology	
51.0509	Pediatric dentistry/pedodontics	
51.0510	Periodontics/periodontology	
51.0511	Prosthodontics/prosthodontology	
51.0599	Advanced/graduate dentistry and oral sciences, other	
51.0601	Dental assisting/assistant	
51.0602	Dental hygiene/hygienist	
51.0603	Dental laboratory technology/technician	
51.0699	Dental services and allied professions, other	
51.0701	Health/health care administration/management	
51.0702	Hospital and health care facilities administration/management	
51.0703	Health unit coordinator/ward clerk	
51.0704	Health unit manager/ward supervisor	
51.0705	Medical office management/administration	
51.0706	Health information/medical records administration/admin.	
51.0707	Health information/medical records technology/technician	
51.0708	Medical transcription/transcriptionist	
51.0710	Medical office assistant/specialist	
51.0711	Medical/health management and clinical assistant/specialist	
51.0713	Medical insurance coding specialist/coder	
51.0715	Health/medical claims examiner	
51.0716	Medical admin./executive assistant and medical secretary	
51.0717	Medical staff services technology/technician	
51.0799	Health and medical administrative services, other	
51.0801	Medical/clinical assistant	
51.0802	Clinical/medical laboratory assistant	
51.0803	Occupational therapist assistant	
51.0806	Physical therapist assistant	
51.0807	Physician assistant	
51.0808	Veterinary/animal health technology/technician/vet. asst	
51.0809	Anesthesiologist assistant	
51.0811	Pathology/pathologist assistant	
51.0812	Respiratory therapy technician/assistant	
51.0899	Allied health and medical assisting services, other	
51.0901	Cardiovascular technology/technologist	
51.0902	Electrocardiograph technology/technician	
51.0903	Electroneurodiagnostic/electroencephalographic tech/tech	
51.0904	Emergency medical technology/technician	
51.0905	Nuclear medical technology/technologist	
51.0906	Perfusion technology/perfusionist	
51.0907	Medical radiologic technology/science-radiation therapist	
51.0908	Respiratory care therapy/therapist	
51.0909	Surgical technology/technologist	
51.0910	Diagnostic med. sonography/sonographer and ultrasound tech.	
51.0911	Radiologic technology/science-radiographer	
51.0912	Physician assistant	
51.0914	Gene/genetic therapy	
51.0916	Radiation protection/health physics technician	
51.0999	Allied health diag./intervention/treatment professions, other	
51.1001	Blood bank technology specialist	
51.1002	Cytotechnology/cytotechnologist	
51.1003	Hematology technology/technician	
51.1004	Clinical/medical laboratory technician	
51.1005	Clinical laboratory science/medical technology/technologist	
51.1007	Histologic technology/histotechnologist	

TABLE B-1. Fields of study classification

	IPEDS Completion Survey	Survey of Earned Doctorates
Health (continued)		
51.1010	Cytogenetics/genetics/clinical genetics technology/tech.	
51.1099	Clinical/medical lab. science and allied professions, other	
51.1101	Pre-dentistry studies	
51.1102	Pre-medicine/pre-medical studies	
51.1103	Pre-pharmacy studies	
51.1104	Pre-veterinary studies	
51.1105	Pre-nursing studies	
51.1199	Health/medical preparatory programs, other	
51.1201	Medicine	
51.1301	Medical anatomy	
51.1302	Medical biochemistry	
51.1304	Medical physics/biophysics	
51.1305	Medical cell biology	
51.1306	Medical genetics	
51.1307	Medical immunology	
51.1308	Medical microbiology	
51.1309	Medical molecular biology	
51.1310	Medical neurobiology	
51.1311	Medical nutrition	
51.1312	Medical pathology	
51.1313	Medical physiology	
51.1314	Medical toxicology	
51.1399	Medical basic sciences, other	
51.1401	Medical scientist	
51.1501	Substance abuse/addiction counseling	
51.1502	Psychiatric/mental health services technician	
51.1503	Clinical/medical social work	
51.1504	Community health services/liaison/counseling	
51.1505	Marriage and family therapy/counseling	
51.1506	Clinical pastoral counseling/patient counseling	
51.1508	Mental health counseling/counselor	
51.1509	Genetic counseling/counselor	
51.1599	Mental and social health services and allied professions, other	
51.1601	Nursing/registered nurse	
51.1602	Nursing administration	
51.1503	Clinical/medical social work	
51.1604	Nurse anesthetist	
51.1605	Family practice nurse/nurse practitioner	
51.1606	Maternal/child health and neonatal nurse/nursing	
51.1607	Nurse midwife/nursing midwifery	
51.1608	Nursing science	
51.1609	Pediatric nurse/nursing	
51.1610	Psychiatric/mental health nurse/nursing	
51.1611	Public health/community nurse/nursing	
51.1612	Perioperative/operating room and surgical nurse/nursing	
51.1613	Licensed practical/vocational nurse training	
51.1614	Nurse/nursing assistant/aide and patient care assistant	
51.1616	Clinical nurse specialist	
51.1617	Critical care nursing	
51.1618	Occupational and environmental health nursing	
51.1699	Nursing, other	
51.1701	Optometry	
51.1802	Optometric technician/assistant	
51.1803	Ophthalmic technician/technologist	
51.1899	Ophthalmic/optometric support svcs and allied prof., other	
51.1901	Osteopathic medicine/osteopathy	

TABLE B-1. Fields of study classification

	IPEDS Completion Survey	Survey of Earned Doctorates
Health (continued)		
51.2001	Pharmacy	
51.2002	Pharmacy administration/policy/regulatory affairs	
51.2003	Pharmaceutics and drug design	
51.2005	Natural products chemistry and pharmacognosy	
51.2006	Clinical and industrial drug development	
51.2007	Pharmacoeconomics/pharmaceutical economics	
51.2008	Clinical, hospital, and managed care pharmacy	
51.2009	Industrial and physical pharmacy and cosmetic sciences	
51.2099	Pharmacy, pharmaceutical sciences, and administration, other	
51.2101	Podiatric medicine/podiatry	
51.2201	Public health, general	
51.2202	Environmental health	
51.2203	Epidemiology	
51.2204	Health and medical biostatistics	
51.2205	Health/medical physics	
51.2206	Occupational health and industrial hygiene	
51.2207	Public health education and promotion	
51.2208	Community health and preventive medicine	
51.2209	Maternal and child health	
51.2210	International public health/international health	
51.2211	Health services administration	
51.2299	Public health, other	
51.2301	Art therapy/therapist	
51.2302	Dance therapy/therapist	
51.2304	Movement therapy	
51.2305	Music therapy/therapist	
51.2306	Occupational therapy/therapist	
51.2307	Orthotist/prosthetist	
51.2308	Physical therapy/therapist	
51.2309	Therapeutic recreation/recreational therapy	
51.2310	Vocational rehabilitation counseling/counselor	
51.2311	Kinesiotherapy/kinesiotherapist	
51.2312	Assistive/augmentative technology and rehab. engineering	
51.2399	Rehabilitation and therapeutic professions, other	
51.2401	Veterinary medicine	
51.2501	Veterinary sciences/veterinary clinical science, general	
51.2502	Veterinary anatomy	
51.2503	Veterinary physiology	
51.2504	Veterinary microbiology and immunobiology	
51.2505	Veterinary pathology and pathobiology	
51.2506	Veterinary toxicology and pharmacology	
51.2507	Large animal/food animal and equine surgery/medicine	
51.2508	Small/companion animal surgery and medicine	
51.2509	Comparative and laboratory animal medicine	
51.2510	Veterinary preventive medical epidemiology/public health	
51.2511	Veterinary infectious diseases	
51.2599	Veterinary biomedical and clinical sciences, other	
51.2601	Health aide	
51.2701	Acupuncture and oriental medicine	
51.2702	Medical dietician	
51.2703	Medical illustration/medical illustrator	
51.2704	Naturopathic medicine	
51.2705	Psychoanalysis	
51.2706	Medical informatics	
51.3101	Dietetics/dietitian	
51.3102	Clinical nutrition/nutritionist	

TABLE B-1. Fields of study classification

IPEDS Completion Survey		Survey of Earned Doctorates	
Health (continued)			
51.3188	Dietetics/human nutritional services		
51.3199	Dietetics and clinical nutrition services, other		
51.3301	Acupuncture		
51.3302	Traditional Chinese/Asian medicine and Chinese herbology		
51.3303	Naturopathic medicine/naturopathy		
51.3305	Ayurvedic medicine/ayurveda		
51.3388	Acupuncture and oriental medicine		
51.3399	Alternative and complementary medicine and medical systems, other		
51.3401	Direct entry midwifery		
51.3499	Alternative and complementary medical support services, other		
51.3501	Massage therapy/therapeutic massage		
51.3502	Asian bodywork therapy		
51.3601	Movement therapy and movement education		
51.3699	Movement and mind-body therapies and education, other		
51.3702	Herbalism/herbalist		
51.9999	Health professions and related clinical sciences, other		
60.03	Veterinary medicine		
Humanities		Humanities	
Foreign languages/literatures		Foreign languages/literatures	
16.0101	Foreign languages and literatures, general	740	French
16.0103	Language interpretation and translation	743	German
16.0199	Linguistic/comparative language studies and services, other	746	Italian
16.0201	African languages, literatures, and linguistics	749	Spanish
16.0300	East Asian languages, literatures, and linguistics, general	752	Russian
16.0301	Chinese language and literature	755	Slavic (other than Russian)
16.0302	Japanese language and literature	758	Chinese
16.0303	Korean language and literature	762	Japanese
16.0399	East Asian languages, literatures, and linguistics, other	765	Hebrew <sup>3</sup>
16.0400	Slavic languages, literatures, and linguistics, general	768	Arabic
16.0402	Russian language and literature	769	Other languages and literature
16.0403	Slavic languages and literatures (other than Russian)		
16.0406	Czech language and literature		
16.0407	Polish language and literature		
16.0499	Slavic/Baltic/Albanian language, literatures, and linguistics, other		
16.0500	Germanic languages, literatures, and linguistics, general		
16.0501	German language and literature		
16.0502	Scandinavian languages, literatures, and linguistics		
16.0503	Danish language and literature		
16.0504	Dutch/Flemish language and literature		
16.0505	Norwegian language and literature		
16.0506	Swedish language and literature		
16.0599	Germanic languages, literatures, and linguistics, other		
16.0601	Modern Greek language and literature		
16.0602	Greek language and literature (modern)		
16.0700	South Asian languages, literatures, and linguistics, general		
16.0702	Sanskrit/classical Indian languages, literatures, and linguistics		
16.0703	South Asian languages and literatures		
16.0801	Iranian/Persian languages, literatures, and linguistics		
16.0900	Romance languages, literatures, and linguistics, general		
16.0901	French language and literature		
16.0902	Italian language and literature		
16.0904	Portuguese language and literature		
16.0905	Spanish language and literature		
16.0906	Romanian language and literature		
16.0999	Romance languages, literatures, and linguistics, other		

TABLE B-1. Fields of study classification

IPEDS Completion Survey		Survey of Earned Doctorates	
Foreign languages/literatures (continued)			
16.1001	American Indian/native American languages, lit and linguistics		
16.1100	Semitic languages, literatures, and linguistics, general		
16.1101	Arabic language and literature		
16.1102	Hebrew language and literature		
16.1103	Ancient near eastern/biblical languages, lit and linguistics		
16.1200	Classics/classical languages, lit and linguistics, general		
16.1201	Classics and classical languages and literatures		
16.1202	Ancient/classical Greek language and literature		
16.1203	Latin language and literature		
16.1299	Classics/classical languages, literatures, and linguistics, other		
16.1301	Celtic languages, literatures, and linguistics		
16.1404	Filipino/tagalong language and literature		
16.1601	American sign language		
16.1602	Linguistics of AS and other sign languages		
16.1603	Sign language interpretation and translation		
16.1699	American sign language, other		
16.9999	Foreign languages, literatures, and linguistics, other		
History		History	
45.0801	History, general	700	American history (U.S. and Canada)
45.0802	American (United States) history	703	Asian history
45.0803	European history	705	European history
45.0805	Public/applied history and archival administration	706	African history <sup>e</sup>
45.0899	History, other	707	Latin American history <sup>e</sup>
54.0101	History, general	708	Middle/Near East studies <sup>b</sup>
54.0102	American history (United States)	718	History, general
54.0103	European history	719	History, other
54.0105	Public/applied history and archival administration		
54.0106	Asian history		
54.0199	History, other		
Letters		Letters	
16.0104	Comparative literature	720	Classics
23.04	English composition	723	Comparative literature
23.0701	American literature (United States)	724	Folklore <sup>e</sup>
23.0702	American literature (Canadian)	732	American literature (U.S. and Canada)
23.0801	English literature (British and Commonwealth)	733	English literature (British and Commonwealth)
23.1001	Speech and rhetorical studies	734	English language
23.1101	Technical and business writing	735	Creative writing <sup>b</sup>
23.9999	English language and literature/letters, other	736	Speech and rhetorical studies
		738	Letters, general
		739	Letters, other
Other humanities		Other humanities	
24	Liberal arts and sciences, general studies and humanities	776	Art history/criticism/conservation
38.0101	Philosophy	780	Music
38.0102	Logic	785	Philosophy (see also 440)
38.0103	Ethics	786	Music theory and composition <sup>b</sup>
38.0201	Religion/religious studies	787	Music performance <sup>b</sup>
38.0202	Buddhist studies	788	Musicology/ethnomusicology <sup>b</sup>
38.0203	Christian studies	789	Music, other <sup>b</sup>
38.0205	Islamic studies	790	Religion/religious studies (see also 984)
38.0206	Jewish/Judaic studies	792	Bible/biblical studies <sup>b</sup>
38.0299	Religion/religious studies, other	795	Drama/theater arts
38.0199	Philosophy, other	798	Humanities, general
38.9999	Philosophy and religious studies, other	799	Humanities, other
39.0101	Biblical and other theological languages and literatures		

TABLE B-1. Fields of study classification

IPEDS Completion Survey		Survey of Earned Doctorates
Other humanities (continued)		
39.0301	Missions/missionary studies and missiology	
39.0501	Religious/sacred music	
39.0601	Theology/theological studies	
39.0602	Divinity/ministry	
39.0603	Rabbinical and talmudic studies	
39.0604	Pre-theology/pre-ministerial studies	
39.0605	Rabbinical studies	
39.0606	Talmudic studies	
39.0699	Theological and ministerial studies, other	
39.0701	Pastoral studies/counseling	
39.0702	Youth ministry	
39.0799	Pastoral counseling and specialized ministries, other	
39.9999	Theology and religious vocations, other	
50.05	Dramatic/theatre arts and stagecraft	
50.06	Film/video and photographic arts	
50.07	Fine and studio art	
50.09	Music	
Professional/other/unknown fields		
Business management/administration		Professional/other/unknown fields
01.0101	Agricultural business and management, general	002 Agricultural business and management <sup>a</sup>
01.0102	Agribusiness/agricultural business operations	900 Accounting
01.0104	Farm/farm and ranch management	901 Finance <sup>b</sup>
01.0105	Agricultural/farm supplies retailing and wholesaling	905 Banking/financial services
01.0106	Agricultural business technology	910 Business administration and management
01.0199	Agricultural business and management, other	915 Business/managerial economics
01.0201	Agricultural mechanization, general	916 International business/trade/commerce
01.0204	Agricultural power machinery operation	917 Management information systems/business statistics
01.0205	Agricultural mechanics and equipment/machine technology	920 Marketing management/research
01.0299	Agricultural mechanization, other	921 Human resources development <sup>e</sup>
08	Sales and marketing operations/marketing and distribution	930 Operations research (see also 363, 465)
14.3001	Engineering/industrial management	935 Organizational behavior (see also 621)
14.3701	Operations research	938 Business management/administration, general
15.1501	Engineering/industrial management	939 Business management/administration, other
52.0101	Business/commerce, general	
52.0201	Business administration and management, general	
52.0202	Purchasing, procurement/acquisitions and contracts mgmt.	
52.0203	Logistics and materials management	
52.0204	Office management and supervision	
52.0205	Operations management and supervision	
52.0206	Non-profit/public/organizational management	
52.0207	Customer service management	
52.0208	E-commerce/electronic commerce	
52.0209	Transportation/transportation management	
52.0299	Business administration, management and operations, other	
52.0301	Accounting	
52.0302	Accounting technology/technician and bookkeeping	
52.0303	Auditing	
52.0304	Accounting and finance	
52.0305	Accounting and business/management	
52.0399	Accounting and related services, other	
52.0401	Administrative assistant and secretarial science, general	
52.0402	Executive assistant/executive secretary	
52.0403	Legal administrative assistant/secretary	
52.0404	Medical administrative assistant/secretary	
52.0405	Court reporter	

TABLE B-1. Fields of study classification

	IPEDS Completion Survey	Survey of Earned Doctorates
	Business management/administration (continued)	
52.0406	Receptionist	
52.0407	Business/office automation/technology/data entry	
52.0408	General office occupations and clerical services	
52.0499	Business operations support and secretarial services, other	
52.0501	Business/corporate communications	
52.0601	Business/managerial economics	
52.0701	Entrepreneurship/entrepreneurial studies	
52.0702	Franchising and franchise operations	
52.0703	Small business administration/management	
52.0799	Entrepreneurial and small business operations, other	
52.0802	Actuarial science	
52.0803	Banking and financial support services	
52.0804	Financial planning and services	
52.0805	Insurance and risk management	
52.0806	International finance	
52.0807	Investments and securities	
52.0808	Public finance	
52.0899	Finance and financial management services, other	
52.0901	Hospitality administration/management, general	
52.0902	Hotel/motel and restaurant management	
52.0903	Tourism and travel services management	
52.0904	Hotel/motel administration/management	
52.0905	Restaurant/food services management	
52.0906	Resort management	
52.0988	Hotel/motel and restaurant management	
52.0999	Hospitality administration/management, other	
52.1001	Human resources mgmt./personnel administration, general	
52.1002	Labor and industrial relations	
52.1003	Organizational behavior studies	
52.1004	Labor studies	
52.1005	Human resources development	
52.1099	Human resources management and services, other	
52.1101	International business/trade/commerce	
52.1201	Management information systems, general	
52.1202	Business computer programming/programmer	
52.1203	Business systems analysis and design	
52.1204	Business systems networking and telecommunications	
52.1205	Business computer facilities operator	
52.1206	Information resources management/CIO training	
52.1207	Knowledge management	
52.1299	Management information systems and services, other	
52.1301	Management science, general	
52.1399	Management sciences and quantitative methods, other	
52.1401	Marketing/marketing management, general	
52.1402	Marketing research	
52.1403	International marketing	
52.1499	Marketing, other	
52.1501	Real estate	
52.1601	Taxation	
52.1701	Insurance	
52.1801	Sales, distribution, and marketing operations, general	
52.1802	Merchandising and buying operations	
52.1803	Retailing and retail operations	
52.1804	Selling skills and sales operations	
52.1899	General merchandising/sales/related mktg. operations, other	
52.1902	Fashion merchandising	

TABLE B-1. Fields of study classification

IPEDS Completion Survey		Survey of Earned Doctorates
Business management/administration (continued)		
52.1904	Apparel and accessories marketing operations	
52.1905	Tourism and travel services marketing operations	
52.1906	Tourism promotion operations	
52.1907	Vehicle and vehicle parts and accessories mktg. operations	
52.1908	Business and personal/financial services marketing operations	
52.1909	Special products marketing operations	
52.1910	Hospitality and recreation marketing operations	
52.1999	Specialized merchandising, sales, and marketing operations, other	
52.2001	Construction management	
52.9999	Business, management, marketing and related support services, other	
Communication		
09	Communication, journalism and related programs	940 Communication research
10	Communications technologies/technicians and support svcs.	947 Mass communication/media studies
25	Library science	950 Film, radio, TV, and digital communication <sup>b</sup>
		957 Communication theory
		958 Communication, general
		959 Communication, other
Fields not elsewhere classified		
04	Architecture and related services	960 Architecture/environmental design
12	Personal and culinary services	964 Family/consumer science/human science (see also 870)
15.0000	Engineering technology, general	968 Law
15.0101	Architectural engineering technology/technician	972 Library science
15.0201	Civil engineering technology/technician	974 Parks, sports, recreation, leisure, and fitness
15.0301	Computer engineering technology/technician	980 Social work
15.0303	Electrical/electronic/commun. engin. technology/technician	984 Theology/religious education (see also 790)
15.0304	Laser and optical technology/technician	988 Professional fields, general <sup>a</sup>
15.0305	Telecommunications technology/technician	989 Professional fields, other
15.0399	Electrical/electronic engin. technologies/technicians, other	
15.0401	Biomedical technology/technician	Unknown field
15.0402	Computer maintenance technology/technician	999 Unknown field <sup>b</sup>
15.0403	Electromechanical technology/electromechanical engin. tech.	
15.0404	Instrumentation technology/technician	
15.0405	Robotics technology/technician	
15.0499	Electromechanical instrumentation/maintenance techs., other	
15.0501	Heating/ac/refrigeration technology/technician	
15.0503	Energy management and systems technology/technician	
15.0505	Solar energy technology/technician	
15.0506	Water quality and wastewater treatment mgmt. and recycling tech.	
15.0507	Environmental engin. technology/environmental technology	
15.0508	Hazardous materials mgmt. and waste technology/technician	
15.0599	Environmental control technologies/technicians, other	
15.0603	Industrial/manufacturing technology/technician	
15.0607	Plastics engineering technology/technician	
15.0611	Metallurgical technology/technician	
15.0612	Industrial technology/technician	
15.0613	Manufacturing technology/technician	
15.0688	Industrial/manufacturing technology/technician	
15.0699	Industrial production technologies/technicians, other	
15.0701	Occupational safety and health technology/technician	
15.0702	Quality control technology/technician	
15.0703	Industrial safety technology/technician	
15.0799	Quality control and safety technologies/technicians, other	
15.0801	Aeronautical/aerospace engineering technology/technician	

TABLE B-1. Fields of study classification

	IPEDS Completion Survey	Survey of Earned Doctorates
	Fields not elsewhere classified (continued)	
15.0803	Automotive engineering technology/technician	
15.0805	Mechanical engineering/mechanical technology/technician	
15.0899	Mechanical engin. related technologies/technicians, other	
15.0901	Mining technology/technician	
15.0903	Petroleum technology/technician	
15.0999	Mining and petroleum technologies/technicians, other	
15.1001	Construction engineering technology/technician	
15.1101	Engineering technology/technician, general	
15.1102	Surveying technology/surveying	
15.1103	Hydraulics and fluid power technology/technician	
15.1199	Engineering-related technologies, other	
15.1201	Computer engineering technology/technician	
15.1202	Computer technology/computer systems technology	
15.1204	Computer software technology/technician	
15.1299	Computer engineering technologies/technicians, other	
15.1301	Drafting and design technology/technician, general	
15.1302	Cad/cadd drafting and/or design technology/technician	
15.1305	Electrical/electronics drafting and electrical/elect cad/cadd	
15.1306	Mechanical drafting and mechanical drafting cad/cadd	
15.1399	Drafting/design engineering technologies/technicians, other	
15.1401	Nuclear engineering technology/technician	
15.9999	Engineering technologies/technicians, other	
19.0000	Work and family studies	
19.0101	Family and consumer sciences/human sciences, general	
19.0201	Business family and consumer sciences/human sciences	
19.0202	Family and consumer sciences/human sciences commun.	
19.0203	Consumer merchandising/retailing management	
19.0299	Family/consumer sciences/human sci. bus. svcs., other	
19.0301	Family and community studies	
19.0401	Family resource management studies, general	
19.0402	Consumer economics	
19.0403	Consumer services and advocacy	
19.0499	Family and consumer economics and related services, other	
19.0501	Foods, nutrition, and wellness studies, general	
19.0502	Foods and nutrition science	
19.0504	Human nutrition	
19.0505	Foodservice systems administration/management	
19.0599	Foods, nutrition, and related services, other	
19.0601	Housing and human environments, general	
19.0603	Interior environments	
19.0604	Facilities planning and management	
19.0699	Housing and human environments, other	
19.0701	Human development and family studies, general	
19.0702	Adult development and aging	
19.0703	Family and marriage counseling	
19.0704	Family systems	
19.0705	Gerontological services	
19.0706	Child development	
19.0707	Family and community services	
19.0708	Child care and support services management	
19.0709	Child care provider/assistant	
19.0799	Human development, family studies, and related svcs., other	
19.0901	Apparel and textiles, general	
19.0902	Apparel and textile manufacture	
19.0904	Textile science	
19.0905	Apparel and textile marketing management	

TABLE B-1. Fields of study classification

	IPEDS Completion Survey	Survey of Earned Doctorates
	Fields not elsewhere classified (continued)	
19.0906	Fashion and fabric consultant	
19.9999	Family and consumer sciences/human sciences, other	
20	Vocational and home economics	
22	Legal professions and studies	
29	Military technologies	
30.0101	Biological and physical sciences	
30.0501	Peace studies and conflict resolution	
30.0601	Systems science and theory	
30.0801	Mathematics and computer science	
30.1201	Historic preservation and conservation	
30.1202	Cultural resource management and policy analysis	
30.1299	Historic preservation and conservation, other	
30.1301	Medieval and renaissance studies	
30.1401	Museology/museum studies	
30.1601	Accounting and computer science	
30.1801	Natural sciences	
30.2101	Holocaust and related studies	
30.2201	Ancient studies/civilization	
30.2202	Classical/ancient mediterranean/near eastern studies and archaeology	
30.2501	Cognitive science	
30.9999	Multi-/interdisciplinary studies, other	
31.0101	Parks, recreation and leisure studies	
31.0301	Parks, recreation and leisure facilities management	
31.9999	Parks, recreation, leisure, and fitness studies, other	
41	Science technologies/technicians	
43	Security and protective services	
44.0000	Human services, general	
44.0201	Community organization and advocacy	
44.0401	Public administration	
44.0701	Social work	
44.0702	Youth services/administration	
44.0799	Social work, other	
44.9999	Public administration and social service professions, other	
46	Construction trades	
47	Mechanic and repair	
48	Precision production	
49	Transportation and materials moving	
95.9500	Undesignated field of study	

<sup>a</sup> Field dropped in 2004.

<sup>b</sup> Field introduced in 2007.

<sup>c</sup> Field introduced in 2001.

<sup>d</sup> Field dropped in 2007.

<sup>e</sup> Field introduced in 2004.

<sup>f</sup> Field code was listed as 887 on the 2004–2006 questionnaires.

NOTES: The U.S. Department of Education's Integrated Postsecondary Education Data System (IPEDS) Completions Survey uses the Classification of Instructional Programs (CIP) codes to help responding institutions classify degrees according to the instructional programs awarding the degrees. The National Science Foundation's Survey of Earned Doctorates (SED) uses its own field of degree taxonomy to help respondents (doctorate recipients) self-report their field of degrees.