

TABLE A-17

Mapping of 2019 GSS Codes and Fields

(Crosswalk)

Broad field	Detailed field	GSS code	GSS field name
Agricultural sciences	Agricultural sciences	501	Agricultural sciences
Biological and biomedical sciences	Biochemistry	602	Biochemistry
	Biology	603	Biology
	Biomedical sciences	623	Biomedical sciences
	Biophysics	605	Biophysics
	Biostatistics and bioinformatics	618	Biostatistics and bioinformatics
	Botany and plant biology	606	Botany and plant biology
	Biotechnology	624	Biotechnology
	Cell, cellular biology, and anatomical sciences	619	Cell, cellular biology, and anatomical sciences
	Ecology and population biology	620	Ecology and population biology
	Epidemiology	621	Epidemiology
	Genetics	610	Genetics
	Microbiological sciences and immunology	611	Microbiological sciences and immunology
	Molecular biology	622	Molecular biology
	Neurobiology and neuroscience	950	Neurobiology and neuroscience
	Nutrition science	612	Nutrition science
	Pathology and experimental pathology	613	Pathology and experimental pathology
	Pharmacology and toxicology	614	Pharmacology and toxicology
	Physiology	615	Physiology
	Zoology and animal biology	616	Zoology and animal biology
Biological and biomedical sciences nec	617	Biological and biomedical sciences, not elsewhere classified	
Computer and information sciences	Computer science	410	Computer science
	Computer and information science, general	411	Computer and information science, general
	Computer and information science nec	412	Computer and information science, not elsewhere classified
Geoscience, atmospheric, and ocean sciences	Atmospheric sciences and meteorology	301	Atmospheric sciences and meteorology
	Geological and earth sciences	302	Geological and earth sciences
	Ocean and marine sciences	303	Ocean and marine sciences
	Geoscience, atmospheric, and ocean sciences nec	304	Geoscience, atmospheric, and ocean sciences, not elsewhere classified (postdocs and NFRs only)
Mathematics and statistics	Mathematics and applied mathematics	402	Mathematics and applied mathematics
	Statistics	403	Statistics
Multidisciplinary and interdisciplinary studies	Multidisciplinary and interdisciplinary studies	980	Multidisciplinary and interdisciplinary studies
Natural resources and conservation	Environmental science and studies	510	Environmental science and studies
	Forestry, natural resources and conservation	511	Forestry, natural resources and conservation
Physical sciences	Astronomy and astrophysics	201	Astronomy and astrophysics
	Chemistry	202	Chemistry
	Materials sciences	205	Materials sciences
	Physics	203	Physics
	Physical sciences nec	204	Physical sciences, not elsewhere classified
Psychology	Clinical psychology	803	Clinical psychology
	Counseling and applied psychology	804	Counseling and applied psychology
	Psychology, general	801	Psychology, general
	Research and experimental psychology	805	Research and experimental psychology
Social sciences	Agricultural economics	901	Agricultural economics
	Anthropology	902	Anthropology
	Criminal justice and safety studies	911	Criminal justice and safety studies
	Economics (except agricultural)	903	Economics (except agricultural)

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	Geography and cartography	904	Geography and cartography
	History and philosophy of science	905	History and philosophy of science
	Human development	915	Human development
	International relations and national security studies	912	International relations and national security studies
	Linguistics	906	Linguistics
	Political science and government	907	Political science and government
	Public policy analysis	914	Public policy analysis
	Sociology	908	Sociology
	Social sciences nec	910	Social sciences, not elsewhere classified
Engineering	Aerospace, aeronautical, and astronautical engineering	101	Aerospace, aeronautical, and astronautical engineering
	Agricultural engineering	102	Agricultural engineering
	Bioengineering and biomedical engineering	103	Bioengineering and biomedical engineering
	Biological and biosystems engineering	115	Biological and biosystems engineering
	Chemical engineering	104	Chemical engineering
	Civil engineering	105	Civil engineering
	Electrical, electronics, and communications engineering	106	Electrical, electronics, and communications engineering
	Engineering mechanics, physics, and science	107	Engineering mechanics, physics, and science
	Industrial and manufacturing engineering	108	Industrial and manufacturing engineering
	Mechanical engineering	109	Mechanical engineering
	Metallurgical and materials engineering	110	Metallurgical and materials engineering
	Mining engineering	111	Mining engineering
	Nanotechnology	116	Nanotechnology
	Nuclear engineering	112	Nuclear engineering
	Petroleum engineering	113	Petroleum engineering
	Engineering nec	114	Engineering, not elsewhere classified
	Health	Anesthesiology	701
Cardiology		702	Cardiology (postdocs and NFRs only)
Endocrinology		704	Endocrinology (postdocs and NFRs only)
Gastroenterology		705	Gastroenterology (postdocs and NFRs only)
Hematology		706	Hematology (postdocs and NFRs only)
Neurology		707	Neurology (postdocs and NFRs only)
Obstetrics and gynecology		708	Obstetrics and gynecology (postdocs and NFRs only)
Oncology and cancer research		703	Oncology and cancer research (postdocs and NFRs only)
Ophthalmology		709	Ophthalmology (postdocs and NFRs only)
Otorhinolaryngology		710	Otorhinolaryngology (postdocs and NFRs only)
Pediatrics		711	Pediatrics (postdocs and NFRs only)
Public health		712	Public health
Psychiatry		713	Psychiatry (postdocs and NFRs only)
Pulmonary disease		714	Pulmonary disease (postdocs and NFRs only)
Radiological sciences		715	Radiological sciences (postdocs and NFRs only)
Surgery		716	Surgery (postdocs and NFRs only)
Clinical medicine nec		717	Clinical medicine, not elsewhere classified (exclude DN, DO, DPM, MD and OD)
Communication disorders sciences		723	Communication disorders sciences (exclude AuD)
Dental sciences	718	Dental sciences (exclude DDS)	
Nursing science	719	Nursing science (include research master's and PhD only)	

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Broad field	Detailed field	GSS code	GSS field name
	Pharmaceutical sciences	720	Pharmaceutical sciences (exclude PharmD)
	Veterinary sciences	721	Veterinary sciences (exclude DVM)
	Other health nec	722	Health-related, not elsewhere classified (exclude DPT, DScPT, and OTD)

AuD = Doctor of Audiology; DDS = Doctor of Dental Surgery; DN = Doctor of Naprapathy; DO = Doctor of Osteopathic Medicine; DPM = Doctor of Podiatric Medicine; DPT = Doctor of Physical Therapy; DScPT = Doctor of Science in Physical Therapy; DVM = Doctor of Veterinary Medicine; GSS = Survey of Graduate Students and Postdoctorates in Science and Engineering; MD = Doctor of Medicine; NFR = nonfaculty researcher; nec = not elsewhere classified; OD = Doctor of Optometry; OTD = Doctor of Occupational Therapy; PharmD = Doctor of Pharmacy; PhD = Doctor of Philosophy.

Source(s):

National Center for Science and Engineering Statistics, Survey of Graduate Students and Postdoctorates in Science and Engineering, 2019.