

TABLE A-17

Mapping of 2021 GSS codes and fields

(Crosswalk)

Broad field	GSS code (collected)	Detailed field (collected)	GSS code (reported)	GSS field name (in data and tables)	Exclusions
Agricultural and veterinary sciences	501	Agricultural sciences	501	Agricultural sciences	
	502	Veterinary biomedical and clinical sciences	502	Veterinary biomedical and clinical sciences	DVM
Biological and biomedical sciences	602	Biochemistry	602	Biochemistry	
	603	Biology	603	Biology	
	623	Biomedical sciences	623	Biomedical sciences	
	605	Biophysics	605	Biophysics	
	618	Biostatistics and bioinformatics	618	Biostatistics and bioinformatics	
	606	Botany and plant biology	606	Botany and plant biology	
	624	Biotechnology	624	Biotechnology	
	619	Cell, cellular biology, and anatomical sciences	619	Cell, cellular biology, and anatomical sciences	
	620	Ecology and population biology	620	Ecology and population biology	
	621	Epidemiology	621	Epidemiology	
	610	Genetics	610	Genetics	
	611	Microbiological sciences and immunology	611	Microbiological sciences and immunology	
	622	Molecular biology	622	Molecular biology	
	950	Neurobiology and neuroscience	626	Neurobiology and neuroscience	
	612	Nutrition science	612	Nutrition science	
	613	Pathology and experimental pathology	613	Pathology and experimental pathology	
	614	Pharmacology and toxicology	614	Pharmacology and toxicology	
	615	Physiology	615	Physiology	
	616	Zoology and animal biology	616	Zoology and animal biology	
	617	Biological and biomedical sciences nec	617	Biological and biomedical sciences nec	
Computer and information sciences	416	Artificial intelligence, informatics and computer and information science topics	416	Artificial intelligence, informatics and computer and information science topics	Exclude DCS
	411	Computer and information science	411	Computer and information science	Exclude DCS
	413	Computer and information systems security	413	Computer and information systems security	Exclude DCS
	410	Computer science	410	Computer science	Exclude DCS
	415	Information science and studies	415	Information science and studies	Exclude DCS
	414	Information technology	414	Information technology	Exclude DCS
	412	Computer and information science nec	412	Computer and information science nec	Exclude DCS
Geoscience, atmospheric, and ocean sciences	301	Atmospheric sciences and meteorology	301	Atmospheric sciences and meteorology	
	302	Geological and earth sciences	302	Geological and earth sciences	
	303	Ocean and marine sciences	303	Ocean and marine sciences	
	304	Geoscience, atmospheric, and ocean sciences nec	304	Geoscience, atmospheric, and ocean sciences nec	Postdocs and NFRs only
Mathematics and statistics	404	Applied mathematics	404	Applied mathematics	
	405	Mathematics	405	Mathematics	
	403	Statistics	403	Statistics	
Multidisciplinary and interdisciplinary studies	982	Biological and physical sciences	982	Biological and physical sciences	
	981	Computational science	981	Computational science	
	984	Data science and data analytics	984	Data science and data analytics	
	983	International and global studies	983	International and global studies	

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	980	Multidisciplinary and interdisciplinary studies nec	980	Multidisciplinary and interdisciplinary studies nec	
Natural resources and conservation	510	Environmental science and studies	510	Environmental science and studies	
	511	Forestry, natural resources and conservation	511	Forestry, natural resources and conservation	
Physical sciences	201	Astronomy and astrophysics	201	Astronomy and astrophysics	
	202	Chemistry	202	Chemistry	
	205	Materials sciences	205	Materials sciences	
	203	Physics	203	Physics	
	204	Physical sciences nec	204	Physical sciences nec	
Psychology	804	Applied psychology	804	Applied psychology	
	803	Clinical psychology	803	Clinical psychology	
	806	Counseling psychology	806	Counseling psychology	
	915	Human development	815	Human development	
	801	Psychology, general	801	Psychology, general	
	805	Research and experimental psychology	805	Research and experimental psychology	
Social sciences	901	Agricultural and natural resource economics	901	Agricultural and natural resource economics	
	902	Anthropology	902	Anthropology	
	916	Area, ethnic, cultural, gender, and group studies	916	Area, ethnic, cultural, gender, and group studies	
	911	Criminal justice and safety studies	911	Criminal justice and safety studies	
	917	Criminology	917	Criminology	
	903	Economics (except agricultural and natural resource)	903	Economics (except agricultural and natural resource)	
	904	Geography and cartography	904	Geography and cartography	
	912	International relations and national security studies	912	International relations and national security studies	
	906	Linguistics	906	Linguistics	
	907	Political science and government	907	Political science and government	
	914	Public policy analysis	914	Public policy analysis	
	908	Sociology and population studies	908	Sociology and population studies	
	918	Urban studies and affairs	918	Urban studies and affairs	
	910	Social sciences nec	919	Social sciences, other	
	905	History and philosophy of science and technology	919	Social sciences, other	
	Aerospace, aeronautical, and astronautical engineering	101	Aerospace, aeronautical, and astronautical engineering	101	Aerospace, aeronautical, and astronautical engineering
Biological, biomedical, and biosystems engineering	103	Bioengineering and biomedical engineering	120	Biological, biomedical, and biosystems engineering	
	115	Biological and biosystems engineering	120	Biological, biomedical, and biosystems engineering	
Chemical, petroleum, and chemical-related engineering	104	Chemical engineering	104	Chemical engineering	
	113	Petroleum engineering	113	Petroleum engineering	
Civil, environmental, transportation and related engineering fields	105	Civil engineering	105	Civil engineering	
	117	Architectural, environmental, construction and surveying engineering	117	Architectural, environmental, construction and surveying engineering	

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Electrical, electronics, communications and computer engineering	118	Computer engineering	118	Computer engineering	
	106	Electrical, electronics, and communications engineering	106	Electrical, electronics, and communications engineering	
Industrial, manufacturing, systems engineering and operations research	108	Industrial and manufacturing engineering	108	Industrial and manufacturing engineering	
	119	Systems engineering and operations research	119	Systems engineering and operations research	
Mechanical engineering	109	Mechanical engineering	109	Mechanical engineering	
Metallurgical, mining, materials and related engineering fields	110	Metallurgical and materials engineering	121	Metallurgical, mining, materials and related engineering fields	
	111	Mining engineering	121	Metallurgical, mining, materials and related engineering fields	
Engineering, other	102	Agricultural engineering	102	Agricultural engineering	
	107	Engineering mechanics, physics, and science	107	Engineering mechanics, physics, and science	
	112	Nuclear engineering	112	Nuclear engineering	
	114	Engineering nec	122	Engineering, other	
	116	Nanotechnology	122	Engineering, other	
Clinical medicine	701	Anesthesiology	701	Anesthesiology	Postdocs and NFRs only
	702	Cardiology and cardiovascular disease	702	Cardiology and cardiovascular disease	Postdocs and NFRs only
	704	Endocrinology, diabetes, and metabolism	704	Endocrinology, diabetes, and metabolism	Postdocs and NFRs only
	705	Gastroenterology	705	Gastroenterology	Postdocs and NFRs only
	706	Hematology	706	Hematology	Postdocs and NFRs only
	725	Clinical and medical laboratory science	729	Medical clinical sciences and clinical and medical laboratory sciences	
	730	Medical clinical sciences	729	Medical clinical sciences and clinical and medical laboratory sciences	
	707	Neurology and neurosurgery	707	Neurology and neurosurgery	Postdocs and NFRs only
	708	Obstetrics and gynecology	708	Obstetrics and gynecology	Postdocs and NFRs only
	703	Oncology and cancer research	703	Oncology and cancer research	Postdocs and NFRs only
	709	Ophthalmology	709	Ophthalmology	Postdocs and NFRs only
	710	Otorhinolaryngology	710	Otorhinolaryngology	Postdocs and NFRs only

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	711	Pediatrics	711	Pediatrics	Postdocs and NFRs only
	712	Public health	712	Public health	
	713	Psychiatry	713	Psychiatry	Postdocs and NFRs only
	714	Pulmonary disease	714	Pulmonary disease	Postdocs and NFRs only
	715	Radiological sciences	715	Radiological sciences	Postdocs and NFRs only
	716	Surgery	716	Surgery	Postdocs and NFRs only
	717	Clinical medicine nec	717	Clinical medicine nec	Postdocs and NFRs only
Other health	723	Communication disorders sciences	723	Communication disorders sciences	Exclude AuD
	718	Dental sciences	718	Dental sciences	Exclude DDS
	724	Kinesiology and exercise science	724	Kinesiology and exercise science	Exclude DPT, DScPT, and OTD
	719	Nursing science	719	Nursing science	PhD, postdocs, and NFRs only
	720	Pharmaceutical sciences	720	Pharmaceutical sciences	Exclude PharmD
	722	Other health nec	722	Health-related, not elsewhere classified	Exclude DPT, DScPT and OTD

AuD = Doctor of Audiology; DCS = Doctor of Computer Science; DDS = Doctor of Dental Surgery; 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; NFR = nonfaculty researcher; nec = not elsewhere classified; 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, 2021.