

ATTACHMENT 4

GSS CODE LIST

COMPLETE LIST OF GSS ELIGIBLE FIELDS AND CODES

Survey of Graduate Students and Postdoctorates in Science and Engineering (GSS) Fall 2010

National Science Foundation & National Institutes of Health

2010 GSS Code List Complete List of GSS Eligible Fields and Codes

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Do not include certificate programs or units that only award professional degrees, such as AuD, DDS, DN, DNP, DO, DPM, DPT, DScPT, JD, MD, ND, OD, OTD, PharmD, or PsyD.

Field	GSS Code	Additional Program Titles	
Agricultural Science Fields (see also 102 and 901)			
Agricultural Economics	901	Natural Resource Economics	
Agricultural Sciences	501	Agricultural and Horticultural Plant Breeding	Horticultural Science
		Agricultural Animal Breeding	International Agriculture
		Agriculture, Agriculture Operations and Related Sciences	Land Use Planning and Management/Development
		Agronomy and Crop Science	Livestock Management
		Animal Health	Natural Resources Management and Policy
		Animal Nutrition	Natural Resources/Conservation
		Animal Sciences	Ornamental Horticulture
		Dairy Science	Plant Protection and Integrated Pest Management
		Environmental Science	Plant Sciences
		Environmental Studies	Poultry Science
		Fishing and Fisheries Sciences and Management	Range Science and Management
		Food Science	Soil Chemistry and Physics
		Food Science and Technology	Soil Microbiology
		Food Technology and Processing	Soil Science and Agronomy
		Forest Management/Forest Resources Management	Soil Sciences
		Forest Resources Production and Management	Urban Forestry
		Forest Sciences and Biology	Water, Wetlands, and Marine Resources Management
		Forestry	Wildlife and Wildlands Science and Management

Field	GSS Code	Additional Program Titles	
Architecture Fields			
Architecture	940	Landscape Architecture	
Biological Science Fields			
Anatomy	601		
Biochemistry	602	Biochemistry/Biophysics and Molecular Biology	
Biology	603	Biological Sciences	
Biometry and Epidemiology	604	Bioinformatics Biomathematics Biometry/Biometrics	Biostatistics Medical Informatics
Biophysics	605		
Botany	606	Plant Biology Plant Molecular Biology	Plant Pathology/Phytopathology Plant Physiology
Cell and Molecular Biology	607	Cell Biology and Anatomy Cell/Cellular and Molecular Biology Cell/Cellular Biology and Histology Developmental Biology and Embryology	Molecular Biochemistry Molecular Biophysics Neuroanatomy Photobiology Structural Biology
Ecology	608		
Entomology and Parasitology	609		
Genetics	610	Animal Genetics Evolutionary Biology Human/Medical Genetics	Microbial and Eukaryotic Genetics Molecular Genetics Plant Genetics
Microbiology, Immunology, and Virology	611	Medical Microbiology and Bacteriology Mycology	
Neuroscience	950		
Nutrition	612	Foods, Nutrition Human Nutrition	Nutrition Science
Pathology	613	Experimental Pathology	
Pharmacology	614	Environmental Toxicology Molecular Pharmacology Molecular Toxicology	Neuropharmacology Pharmacology and Toxicology Toxicology
Physiology	615	Cell Physiology Exercise Physiology Molecular Physiology Neurobiology and Neurophysiology	Oncology and Cancer Biology Physiology, Pathology, and Related Sciences Reproductive Biology Vision Science/Physiological Optics
Zoology	616	Animal Behavior and Ethology Animal Biology	Animal Physiology Wildlife Biology
Biosciences, not elsewhere classified	617	Aquatic Biology/Limnology Bioethics/Medical Ethics Biological and Life Sciences, Other Biomedical Sciences Biotechnology Conservation Biology	Ecology, Evolution, Systematics and Population Biology Environmental Biology Medical Illustration Population Biology Systematic Biology/Biological Systematics

Field	GSS Code	Additional Program Titles	
Communication Fields			
Communication	930	Communication and Media Studies Communication Studies/Speech Communication and Rhetoric Digital Communication and Media/Multimedia	Health Communication Mass Communication/Media Studies Organizational Communication Political Communication
Computer Science Fields			
Computer Science (exclude DCS)	401	Artificial Intelligence and Robotics Computer and Information Sciences Computer and Information Systems Security Computer Graphics Computer Systems Analysis/Analyst	Computer Systems Networking and Telecommunications Data Modeling/Warehousing and Database Administration Information Science/Studies Information Technology Management Information Systems Management Science
Earth, Atmospheric, and Ocean Science Fields			
Atmospheric Sciences	301	Atmospheric Chemistry and Climatology	Atmospheric Physics and Dynamics Meteorology
Geosciences	302	Geochemistry Geochemistry and Petrology Geology/Earth Science	Geophysics and Seismology Hydrology and Water Resources Science Paleontology
Ocean Sciences	303	Marine Biology and Biological Oceanography	Oceanography, Chemical and Physical
Earth, Atmospheric, and Ocean Sciences, not elsewhere classified	304		
Engineering Fields			
Aerospace Engineering	101	Aeronautical Engineering	Astronautical Engineering
Agricultural Engineering	102	Bioengineering	Biological Engineering
Biomedical Engineering	103	Biomedical/Medical Engineering	Biomedical Technology/Technician (exclude master's)
Chemical Engineering	104	Polymer/Plastics Engineering	Wood Science and Wood Products/Pulp and Paper Technology
Civil Engineering	105	Architectural Engineering Environmental/Environmental Health Engineering Geotechnical Engineering Structural Engineering	Surveying Engineering Transportation and Highway Engineering Water Resources Engineering
Electrical Engineering	106	Communication Engineering Computer Engineering Computer Hardware Engineering	Computer Software Engineering Electronics Engineering
Engineering Science & Physics	107	Engineering Physics	Engineering Science
Industrial/Manufacturing Engineering	108	Operations Research	Systems Engineering
Mechanical Engineering	109	Engineering Mechanics	
Engineering Fields continued next page			

Field	GSS Code	Additional Program Titles	
Engineering Fields – continued			
Metallurgical and Materials Engineering	110	Ceramic Sciences and Engineering Materials Science	Textile Science Textile Sciences and Engineering
Mining Engineering	111	Geological/Geophysical Engineering Mineral Engineering	
Nuclear Engineering	112		
Petroleum Engineering	113		
Engineering, not elsewhere classified	114	Construction Engineering Forest Engineering Naval Architecture and Marine Engineering	Ocean Engineering
Family and Consumer Sciences/Human Sciences Fields			
Family and Consumer Sciences/Human Sciences	920	Adult Development and Aging Business Family and Consumer Sciences/Human Sciences Child Development Consumer Economics	Family Systems Housing and Human Environments Human Development and Family Studies
Health Fields (see also GSS Code 103)			
Anesthesiology	701	Nurse Anesthetist (exclude master's)	
Cardiology	702	Cardiovascular Science	Cardiovascular Diseases
Communication Disorders Sciences	723	Audiology/Audiologist and Hearing Sciences (exclude AuD) Audiology/Audiologist and Speech Language Pathology/ Pathologist	Communication Disorders Sciences and Services, Other Speech-Language Pathology/Pathologist
Dental Sciences	718	Advanced/Graduate Dentistry and Oral Sciences, Other (exclude DDS) Dental Clinical Sciences, General Dental Hygiene/Hygienist (exclude master's) Dental Materials Dental Public Health and Education	Endodontics/Endodontology Oral Biology and Oral Pathology Oral/Maxillofacial Surgery Orthodontics/Orthodontology Pediatric Dentistry/Pedodontics Periodontics/Periodontology Prosthodontics/Prosthodontology
Endocrinology	704	Pediatric Endocrinology	
Gastroenterology	705		
Hematology	706	Pediatric Hematology	
Neurology	707		
Health Fields continued next page			

Field	GSS Code	Additional Program Titles	
Health Fields (see also GSS Code 103) – continued			
Nursing Science (research master's & PhD only)	719		
Nursing (exclude master's & DNP)	719	Adult Health Nurse/Nursing (exclude master's) Clinical Nurse Specialist (exclude master's) Critical Care Nursing (exclude master's) Family Practice Nurse/Nurse Practitioner (exclude master's) Maternal/Child Health and Neonatal Nurse/Nursing (exclude master's) Nurse Midwife/Nursing Midwifery (exclude master's) Nursing – Registered Nurse Training (exclude master's) Nursing Administration (exclude master's)	Nursing, Other (exclude master's) Occupational and Environmental Health Nursing (exclude master's) Pediatric Nurse/Nursing (exclude master's) Perioperative/Operating Room and Surgical Nurse/Nursing (exclude master's) Psychiatric/Mental Health Nurse/Nursing (exclude master's) Public Health/Community Nurse/Nursing (exclude master's)
Obstetrics and Gynecology	708		
Oncology/Cancer Research	703	Pediatric Oncology	
Ophthalmology (exclude OD)	709		
Otorhinolaryngology	710		
Pediatrics	711	Prematurity & Newborn	
Pharmaceutical Sciences (exclude PharmD)	720	Clinical and Industrial Drug Development Industrial and Physical Pharmacy and Cosmetic Sciences Medicinal and Pharmaceutical Chemistry Natural Products Chemistry and Pharmacognosy Pharmaceutics and Drug Design	Pharmacoeconomics/ Pharmaceutical Economics Pharmacy Administration/Policy/Regulatory Affairs (exclude master's) Pharmacy, Pharmaceutical Sciences, and Administration, Other (exclude master's)
Preventive Medicine and Community Health	712	Environmental Health Health Services/Allied Health/Health Sciences Health/Medical Physics International Public Health/ International Health	Maternal and Child Health Occupational Health and Industrial Hygiene Public Health Education and Promotion Public Health Public Health Medicine
Psychiatry	713	Behavioral Medicine (clinical)	Child Psychiatry
Pulmonary Disease	714		
Radiology	715	Radiation Biology/Radiobiology Radiation Oncology/Therapeutic Radiology	Radiation Protection/Health Physics Technician
Surgery	716	Orthopedics/Orthopedic Surgery	
Health Fields continued next page			

Field	GSS Code	Additional Program Titles	
Health Fields (see also GSS Code 103) – continued			
Veterinary Sciences (exclude DVM)	721	Comparative and Laboratory Animal Medicine Large Animal/Food Animal & Equine Surgery/Medicine Small/Companion Animal Surgery and Medicine Veterinary Anatomy Veterinary Biomedical and Clinical Sciences Veterinary Biomedicine and Clinical Sciences	Veterinary Infectious Diseases Veterinary Medicine Veterinary Microbiology and Immunobiology Veterinary Pathology and Pathobiology Veterinary Physiology Veterinary Preventive Med Epidemiology/Public Hlth Veterinary Toxicology and Pharmacology
Clinical Medicine, not elsewhere classified	717	Aerospace Medicine Allergy Clinical Laboratory Medicine Clinical Laboratory Science/Medical Technology/ Technologist Clinical/Medical Laboratory Science and Allied Professions, Other (exclude master's) Complementary and Alternative Medicine Connective Tissue Diseases Critical Care Medicine Dermatology Diabetes Emergency Medicine	Family Medicine Infectious Diseases Internal Medicine Gene Therapy HIV/AIDS Liver Diseases Medical Scientist (exclude MD) Metabolic diseases Nephrology Neurology/Neurosurgery Occupational Medicine Palliative Care Physical Medicine and Rehabilitation/Physiatry Trauma Urology
Health-Related, not elsewhere classified	722	Assistive/Augmentative Technology and Rehabilitation Engineering Athletic Training/Trainer - Sports Medicine Exercise Science/Physiology and Movement Studies	Health Professions and Related Clinical Sciences, Other (exclude master's) Occupational Therapy/Therapist (exclude master's and OTD) Physical Therapy/Therapist (exclude master's and DPT)
Interdisciplinary – see Multidisciplinary/Interdisciplinary Studies on page 8			
Mathematical Science Fields			
Mathematics and Applied Mathematics	402	Algebra and Number Theory Analysis and Functional Analysis Computational Mathematics	Geometry/Geometric Analysis Topology and Foundations
Statistics	403	Actuarial Science Business Statistics	Mathematical Statistics and Probability
Multidisciplinary – see Multidisciplinary/Interdisciplinary Studies on page 8			
Neuroscience Fields			
Neuroscience	950		
Physical Science Fields			
Astronomy	201	Astrophysics	Planetary Astronomy and Science
Biochemistry	602	Biochemistry/Biophysics and Molecular Biology	
Physical Science Fields continued next page			

Field	GSS Code	Additional Program Titles	
Physical Science Fields – continued			
Chemistry	202	Analytical Chemistry Chemical Physics Inorganic Chemistry Organic Chemistry	Physical and Theoretical Chemistry Polymer Chemistry
Physics (see also 605)	203	Acoustics Atomic/Molecular Physics Elementary Particle Physics Nuclear Physics Optics/Optical Sciences	Plasma and High-Temperature Physics Solid State and Low-Temperature Physics Theoretical and Mathematical Physics
Physical Sciences, not elsewhere classified	204		
Psychology Fields			
Clinical Psychology (exclude PsyD)	803	Clinical Child Psychology	
Psychology, Combined	801	Psychology, General	
Psychology, except Clinical	802	Art Therapy (exclude master's) Cognitive Psychology and Psycholinguistics Community Psychology Comparative Psychology Counseling Psychology Developmental and Child Psychology Educational Psychology Environmental Psychology Experimental Psychology Family Psychology Forensic Psychology	Geropsychology Health Psychology Industrial and Organizational Psychology Personality Psychology Physiological Psychology/Psychobiology Psychology, Other Psychometrics and Quantitative Psychology Psychopharmacology School Psychology Social Psychology
Social Science Fields			
Agricultural Economics	901	Natural Resource Economics	
Anthropology (Cultural and Social)	902	Archeology	Physical Anthropology
Economics	903	Applied Economics Business/Managerial Economics Development Economics and International Development	Econometrics and Quantitative Economics International Economics
Geography	904	Cartography	
History and Philosophy of Science (combined program)	905	History and Philosophy of Science/Technology	
Linguistics	906	Linguistics of ASL, and Other Sign Languages	
Political Science/Public Administration	907	American Government and Politics Canadian Government and Politics	International Relations and Affairs Political Science and Government Public Policy Analysis
Sociology	908	Demography and Population Studies	
Sociology/Anthropology (combined program)	909		
Social Science Fields continued next page			

Field	GSS Code	Additional Program Titles	
Social Science Fields – continued			
Social Sciences, not elsewhere classified	910	African Studies African-American/Black Studies American Indian/Native American Studies American/United States Studies/Civilization Area Studies Asian Studies/Civilization Asian-American Studies Balkans Studies Baltic Studies Canadian Studies Caribbean Studies Central/Middle and Eastern European Studies Chinese Studies Commonwealth Studies Criminal Justice/Safety Studies Criminalistics and Criminal Science Criminology East Asian Studies Ethnic, Cultural Minority, and Gender Studies, Other European Studies/Civilization Forensic Science and Technology French Studies Gay/Lesbian Studies	German Studies Hispanic-American, Puerto Rican, Mexican American Studies Italian Studies Japanese Studies Korean Studies Labor Studies Latin American Studies Near and Middle Eastern Studies Organizational Behavior Studies Pacific Area/Pacific Rim Studies Polish Studies Regional Studies (US, Canadian, Foreign) Russian Studies Scandinavian Studies Slavic Studies South Asian Studies Southeast Asian Studies Spanish and Iberian Studies Tibetan Studies Ukraine Studies Ural-Altai and Central Asian Studies Urban Affairs/Studies Western European Studies Women's Studies
Multidisciplinary/Interdisciplinary Studies			
Multidisciplinary/Interdisciplinary Studies	980	Accounting and Computer Science (combined program) Behavioral Sciences Biological and Physical Sciences Biopsychology Cognitive Science Gerontology Holocaust and Related Studies Intercultural/Multicultural and Diversity Studies International/Global Studies	Mathematics and Computer Science (combined program) Natural Sciences Peace Studies and Conflict Resolution Science, Technology and Society Systems Science and Theory