## Survey of Graduate Students and Postdoctorates in

## Science and Engineering (GSS) Fall 2014 (Draft 3/4/2014)

**2014 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, DArch, DDS, DED, DN, DNP, DO, DPM, DPT, DScPT, JD, MLA, MArch, MD, ND, OD, OTD, PharmD, or PsyD.**

| **GSS Field Title** | **GSS Code** | **CIP Program Title** | | | |
| --- | --- | --- | --- | --- | --- |
| Agricultural Science Fields ***(see also Agricultural Engineering, 102)*** | | | | | |
| Agricultural Economics | 901 | * Agricultural Economics | * Natural Resource Economics | | |
| Agricultural Sciences | 501 | * Agricultural and Horticultural Plant Breeding * Agricultural Animal Breeding * Agriculture, Agriculture Operations and Related Sciences * Agroecology and Sustainable Agriculture * Agronomy and Crop Science * Animal Health * Animal Nutrition * Animal Sciences * Dairy Science * Environmental Science * Environmental Studies * Fishing and Fisheries Sciences and Management * Food Science * Food Science and Technology * Food Technology and Processing * Forest Management/Forest Resources Management * Forest Resources Production and Management * Forest Sciences and Biology * Forestry * Horticultural Science * International Agriculture * Land Use Planning and Management/Development | * Livestock Management * Natural Resources and Conservation * Natural Resources Conservation and Research * Natural Resources Management and Policy * Natural Resources/Conservation, General * Ornamental Horticulture * Plant Protection and Integrated Pest Management * Plant Sciences * Poultry Science * Range Science and Management * Soil Chemistry and Physics * Soil Microbiology * Soil Science and Agronomy * Soil Sciences * Urban Forestry * Water, Wetlands, and Marine Resources Management * Wildlife, Fish and Wildlands Science and Management * Wood Science and Wood Products/Pulp and Paper Technology | | |
| Biological Science Fields | | | | | |
| Anatomy | 601 | * Anatomy | | |  |
| Biochemistry | 602 | * Biochemistry * Biochemistry and Molecular Biology | | | * Biochemistry, Biophysics, and Molecular Biology, Other |
| Biology | 603 | * Biology | | | * Biological Sciences |
| Biometry and Epidemiology | 604 | * Bioinformatics * Biomathematics * Biomathematics, Bioinformatics and Computational Biology, Other * Biometry/Biometrics | | | * Biostatistics * Computational Biology * Epidemiology * Medical Informatics |
| Biophysics | 605 | * Biophysics | | |  |
| Botany and Plant Biology | 606 | * Botany/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 Anatomical Sciences * Cell/Cellular Biology and Histology * Developmental Biology and Embryology | | | * Molecular Biochemistry * Molecular Biology * Molecular Biophysics * Photobiology * Structural Biology |
| Ecology | 608 | * Ecology | | |  |
| Entomology and Parasitology | 609 | * Entomology | | | * Parasitology |
| Genetics | 610 | * Animal Genetics * Genetics * Genome Sciences/Genomics * Human/Medical Genetics | | | * Microbial and Eukaryotic Genetics * Molecular Genetics * Plant Genetics |
| Microbiology, Immunology, and Virology | 611 | * Immunology * Medical Microbiology and Bacteriology * Microbiological sciences and Immunology | | | * Microbiology and Immunology * Microbiology, General * Mycology * Virology |
| Neurobiology and Neuroscience | 950 | * Neuroanatomy * Neurobiology and Anatomy * Neurobiology and Behavior | | | * Neuroscience * Neurobiology and Neurosciences, Other |
| Nutrition | 612 | * Nutrition Science | | |  |
| Pathology | 613 | * Experimental Pathology | | | * Pathology |
| Pharmacology and Toxicology | 614 | * Environmental Toxicology * Molecular Pharmacology * Molecular Toxicology * Neuropharmacology | | | * Pharmacology * Pharmacology and Toxicology * Toxicology |
| Physiology | 615 | * Aerospace Physiology and Medicine * Cell Physiology * Exercise Physiology * Molecular Physiology * Neurobiology and Neurophysiology * Oncology and Cancer Biology | | | * Physiology * Physiology, Pathology, and Related Sciences * Reproductive Biology * Vision Science/Physiological Optics |
| Zoology | 616 | * Animal Behavior and Ethology * Animal Physiology | | | * Wildlife Biology * Zoology/Animal Biology |
| ***Biological Science Fields continued next page*** | | | | | |
| Biosciences, not elsewhere classified | 617 | * Aquatic Biology/Limnology * Bioethics/Medical Ethics * Biological and Biomedical Sciences, Other * Biomedical Sciences * Biotechnology * Conservation Biology * Ecology and Evolutionary Biology | | | * Ecology, Evolution, Systematics and Population Biology * Environmental Biology * Evolutionary Biology * Population Biology * Systematic Biology/Biological Systematics |
| Computer Science Fields |  |  | | |  |
| Computer Science  *(exclude DCS)* | 401 | * Artificial Intelligence * Computer and Information Sciences * Computer and Information Sciences and Support Services * Computer and Information Systems Security/Information Assurance * Computer Graphics * Computer Science * Computer Systems Analysis/Analyst | | | * Computer Systems Networking and Telecommunications * Data Modeling/Warehousing and Database Administration * Informatics * Information Science/Studies * Information Technology * Modeling, Virtual Environments and Simulation |
| Earth, Atmospheric, and Ocean Science Fields | | | | | |
| Atmospheric Sciences | 301 | * Atmospheric Chemistry and Climatology * Atmospheric Physics and Dynamics | | | * Atmospheric Science and Meteorology * Meteorology |
| Geosciences | 302 | * Geochemistry * Geochemistry and Petrology * Geological and Earth Sciences/Geosicences, Other * Geology/Earth Science, General | | | * Geophysics and Seismology * Hydrology and Water Resources Science * Paleontology |
| Ocean Sciences | 303 | * Marine Biology and Biological Oceanography * Marine Sciences | | | * Oceanography, Chemical and Physical |
| Earth, Atmospheric, and Ocean Sciences, not elsewhere classified | 304 |  | | |  |
| **Engineering Fields** | | | | | | |
| Aerospace Engineering | 101 | * Aeronautical Engineering * Aerospace Engineering | | | * Astronautical/Space Engineering | |
| Agricultural Engineering | 102 | * Agricultural Engineering | | |  | |
| Biological and Biosystems Engineering | 115 | * Biological Engineering * Biosystems Engineering | | | * Biological/Biosystems Engineering | |
| Biomedical Engineering | 103 | * Bioengineering * Biomedical Engineering | | | * Biomedical Technology/ Technician *(exclude master’s)* | |
| Chemical Engineering | 104 | * Biochemical Engineering * Chemical and Biomolecular Engineering | | | * Chemical Engineering * Engineering Chemistry | |
| Civil Engineering | 105 | * Architectural Engineering * Civil Engineering * Environmental/Environmental Health Engineering * Geotechnical and Geoenvironmental Engineering | | | * Structural Engineering * Surveying Engineering * Transportation and Highway Engineering * Water Resources Engineering | |
| ***Engineering Fields continued next page*** | | | | | | |
| Electrical Engineering | 106 | * Computer Engineering * Computer Hardware Engineering * Computer Software Engineering * Electrical Engineering * Electronics Engineering | | | * Laser and Optical Engineering * Telecommunications Engineering * Electrical, Electronics and Communications Engineering, Other | |
| Engineering Science, Mechanics and Physics | 107 | * Engineering Mechanics * Engineering Physics/Applied Physics | | | * Engineering Science | |
| Industrial and Manufacturing Engineering | 108 | * Industrial Engineering * Manufacturing Engineering | | | * Operations Research * Systems Engineering | |
| Mechanical Engineering | 109 | * Electromechanial Engineering * Mechanical Engineering | | | * Mechatronics, Robotics, and Automation Engineering | |
| Metallurgical and Materials Engineering (*see also 205*) | 110 | * Ceramic Sciences and Engineering * Materials Engineering * Metallurgical Engineering | | | * Paper Science and Engineering * Polymer/Plastics Engineering * Textile Sciences and Engineering | |
| Mining Engineering | 111 | * Geological/Geophysical Engineering * Mineral Engineering | | | * Mining Engineering | |
| Nuclear Engineering | 112 | * Nuclear Engineering | | |  | |
| Petroleum Engineering | 113 | * Petroleum Engineering | | |  | |
| Engineering, not elsewhere classified | 114 | * Construction Engineering * Engineering Design * Engineering, General * Forest Engineering | | | * Naval Architecture and Marine Engineering * Ocean Engineering | |
| Nanotechnology | 116 | * Nanotechnology | | |  | |
| Health Fields | | | | | |
| Anesthesiology *(exclude master’s, ND and DNP)* | 701 | * Nurse Anesthetist | | |  | |
| Cardiovascular Science | 702 | * Cardiovascular Science | | | * Cardiovascular Diseases | |
| Communication Disorders Sciences *(exclude AuD)* | 723 | * Audiology/Audiologist * Audiology/Audiologist and Speech Language Pathology/Pathologist * Communication Disorders Sciences, General | | | * Communication Disorders Sciences and Services, Other * Speech-Language Pathology/ Pathologist | |
| Dental Sciences *(exclude DDS)* | 718 | * Advanced/Graduate Dentistry and Oral Sciences, Other * Dental Clinical Sciences, General * Dental Materials * Dental Public Health and Education * Endodontics/Endodontology | | | * Oral Biology and Oral and Maxillofacial 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*** | | | | | | |
| Nursing Science *(include research master’s and PhD only)* | 719 | * Nursing Science | | |  | |
| Nursing *(exclude* *master’s, ND and DNP)* | 719 | * Registered Nursing * Nursing Administration | | | * Registered Nursing, Nursing Administration, Nursing Research and Clinical Nursing, Other |
| Obstetrics and Gynecology | 708 |  | | |  | |
| Oncology and Cancer Research | 703 | * Pediatric Oncology | | |  | |
| Ophthalmology *(exclude OD)* | 709 |  | | |  | |
| Otorhinolaryngology | 710 |  | | |  | |
| Pediatrics | 711 | * Prematurity and 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 * Phamaceutical Sciences | | | * 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 | * Community Health and Preventive Medicine * 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 | |
| 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 | | |  | |
| Veterinary Sciences *(exclude DVM)* | 721 | * Comparative and Laboratory Animal Medicine * Large Animal/Food Animal and Equine Surgery/Medicine * Small/Companion Animal Surgery and Medicine * Veterinary Anatomy * Veterinary Biomedical and Clinical Sciences * Veterinary Sciences/Veterinary and Clinical Sciences | | | * Veterinary Infectious Diseases * Veterinary Medicine * Veterinary Microbiology and Immunobiology * Veterinary Pathology and Pathobiology * Veterinary Physiology * Veterinary Preventive Medicine Epidemiology/Public Health * Veterinary Toxicology and Pharmacology | |
| ***Health Fields continued next page*** | | | | | | |
| Clinical Medicine, not elsewhere classified *(exclude DN, DO, DPM, MD and OD)* | 717 | * Aerospace Medicine * Allergy * Clinical Laboratory Medicine * 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 * Infectious Diseases * Internal Medicine | | * Gene Therapy * HIV/AIDS * Liver Diseases * Medical Scientist *(exclude MD)* * Metabolic diseases * Molecular Medicine * Nephrology * Neurology/Neurosurgery * Occupational Medicine * Palliative Care * Physical Medicine and Rehabilitation/Physiatry * Trauma * Urology | |
| Health-Related, not elsewhere classified *(exclude DPT, DScPT, and OTD)* | 722 | * Kinesiology and Exercise Science * Health Professions and Related Clinical Sci*e*nces, Other *(exclude master’s)* * Occupational Therapy/Therapist *(exclude master’s and OTD)* | | * Physical Therapy/Therapist *(exclude master’s, DPT and DScPT)* * Rehabilitation Science | |
| **Interdisciplinary Fields –** *see Multidisciplinary and Interdisciplinary Studies on page 9* | | | | | |
| Mathematical Science Fields | |  | | | |
| Mathematics and Applied Mathematics | 402 | * Algebra and Number Theory * Analysis and Functional Analysis * Applied Mathematics * Computational Mathematics * Computational and Applied Mathematics | | | * Financial Mathematics * Geometry/Geometric Analysis * Mathematics * Mathematical Biology * Topology and Foundations |
| Statistics | 403 | * Mathematics and Statistics * Mathematical Statistics and Probability | | | * Statistics |
| **Multidisciplinary Fields –** *see Multidisciplinary and Interdisciplinary Studies on page 9* | | | | | |
| Neuroscience Fields | | | | | |
| Neurobiology and Neuroscience | 950 | * Neuroanatomy * Neurobiology and Anatomy * Neurobiology and Behavior | | | * Neuroscience * Neurobiology and Neurosciences, Other |
| **Physical Science Fields** | | | | | |
| Astronomy and Astrophysics | 201 | * Astronomy * Astronomy and Astrophysics, Other | | | * Astrophysics * Planetary Astronomy and Science |
| Biochemistry | 602 | * Biochemistry * Biochemistry and Molecular Biology | | | * Biochemistry, Biophysics and Molecular Biology, Other |
| Chemistry | 202 | * Analytical Chemistry * Chemical Physics * Chemistry * Environmental Chemistry * Forensic Chemistry | | | * Inorganic Chemistry * Organic Chemistry * Physical Chemistry * Polymer Chemistry * Theoretical Chemistry |
| Materials Sciences | 205 | * Materials Chemistry * Materials Science | | | * Materials Sciences, Other |
| ***Physical Science Fields continued next page*** | | | | | |
| Physics *(see also 605)* | 203 | * Acoustics * Atomic/Molecular Physics * Condensed Matter and Materials Physics * Elementary Particle Physics * Nuclear Physics | | | * Optics/Optical Sciences * Physics * Plasma and High-Temperature Physics * Theoretical and Mathematical Physics |
| Physical Sciences, not elsewhere classified | 204 | * Physical Sciences | | | * Physical Sciences, Other |
| Psychology Fields | | | | | | |
| Clinical Psychology  *(exclude PsyD)* | 803 | * Clinical Psychology | | | * Clinical Child Psychology |
| Psychology, General | 801 | * Psychology, General | | |  |
| Psychology, except Clinical | 802 | * Applied Behavior Analysis * Applied Psychology * Clinical, Counseling and Applied Psychology, Other * 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 * Research and Experimental Psychology, Other * School Psychology * Social Psychology |
| Social Science Fields |  |  | | | | |
| Agricultural Economics *(see also 903)* | 901 | * Agricultural Economics | | | * Natural Resource Economics |
| Anthropology | 902 | * Anthropology * Archeology * Cultural Anthropology | | | * Medical Anthropology * Physical and Biological Anthropology |
| Criminal Justice - Safety Studies | 911 | * Criminal Justice -Safety Studies   *(exclude Criminal Justice - Law Enforcement Administration and*  *Criminal Justice - Police Science Programs)* | | | |
| Economics *(see also 901)* | 903 | * Applied Economics * Development Economics and International Development * Economics | | | * Econometrics and Quantitative Economics * International Economics |
| Geography | 904 | * Geographic Information Science and Cartography | | | * Geography |
| History and Philosophy of Science (combined program) | 905 | * History and Philosophy of Science/Technology | | |  |
| International Relations and National Security Studies | 912 | * International Relations and Affairs * International Relations and National Security Studies, Other | | | * National Security Policy Studies |
| ***Social Science Fields continued next page*** | | | | | |
| Linguistics | 906 | * Applied Linguistics * Linguistics | | | * Linguistics of ASL, and Other Sign Languages |
| Political Science and Government | 907 | * American Government and Politics * Canadian Government and Politics | | | * Political Economy * Political Science and Government, Other |
| Public Policy Analysis | 914 | * Health Policy Analysis * International Policy Analysis | | | * Policy Analysis * Public Policy Analysis |
| Sociology | 908 | * Demography and Population Studies * Rural Sociology | | | * Sociology |
| Sociology and Anthropology (combined program) | 909 | * Sociology and Anthropology | | |  |
| 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 * Russian, Central European, East European and Eurasian Studies * Chinese Studies * Commonwealth Studies * Criminology * Deaf Studies * Disability Studies * East Asian Studies * Ethnic Studies * Ethnic, Cultural Minority, and Gender Studies, Other * European Studies/Civilization * Folklore Studies * French Studies * Gay/Lesbian Studies * German Studies * Hispanic-American, Puerto Rican, Mexican American/Chicano Studies * Holocaust and Related Studies | | | * Intercultural/Multicultural and Diversity Studies * International/Global Studies * Irish Studies * Italian Studies * Japanese Studies * Korean Studies * Latin American and Caribbean Studies * Latin American Studies * Near and Middle Eastern Studies * Pacific Area/Pacific Rim Studies * Polish Studies * Regional Studies (US, Canadian, Foreign) * Research Methodology and Quantitative Methods * Russian Studies * Scandinavian Studies * Slavic Studies * Social Sciences, General * South Asian Studies * Southeast Asian Studies * Spanish and Iberian Studies * Tibetan Studies * Ukraine Studies * Ural-Altaic and Central Asian Studies * Urban Affairs/Studies * Western European Studies * Women's Studies | |
| Multidisciplinary and Interdisciplinary Studies | | | | | |
| Multidisciplinary and Interdisciplinary Studies  *(include* ***only*** *programs with a science, engineering or health field component)* | 980 | * Accounting and Computer Science (combined program) * Behavioral Sciences * Biological and Physical Sciences * Biopsychology * Cognitive Science * Computational Science * Gerontology * Human Biology | | | * Human Computer Interaction * Mathematics and Computer Science (combined program) * Natural Sciences * Peace Studies and Conflict Resolution * Science, Technology and Society * Systems Science and Theory | |