

## THRUST AREAS

Code	Field Descriptions
<b>ENGINEERING</b>	
1400	Aerospace, Aeronautical, Astronautical Engineering (Aerodynamics and Space Technology)
1401	Bioengineering and Biomedical Engineering (Biomaterials and Medical Engineering)
1402	Chemical Engineering (Petroleum, Petroleum Refining Process, Plastics, and Polymer)
1403	Civil Engineering (Architectural, Environmental, Environmental health, Geotechnical, Hydraulic, Hydrologic, Sanitary, Structural, and Transportation)
1404	Electrical Engineering (Communications, Computer, Electronics and Power)
1405	Mechanical Engineering (Engineering Mechanics)
1406	Metallurgical/Materials Engineering (Ceramic, Materials Science, Metallurgy, Mining and Mineral, Textile, and Welding)
1407	Other Engineering (Agricultural, Engineering Design, Engineering Physics, Engineering Science, Marine, Naval Architecture, Nuclear, Ocean and Forest)
1408	Industrial and Manufacturing Engineering (Industrial, Manufacturing and Operations)
5000	Optics
<b>PHYSICAL SCIENCES</b>	
1500	Astronomy and Astrophysics
1501	Chemistry (Analytic Chemistry, Chemical Physics, Environmental Chemistry, Forensic Chemistry, Inorganic Chemistry, Organic Chemistry, Organo-metallic Chemistry, Physical Chemistry, Polymer Chemistry, Theoretical Chemistry, excluding Biochemistry)
1502	<i>Reserved</i>
1503	Physics (Acoustics, Atomic Physics, Condensed Matter & Materials Physics, Elementary Particle Physics, Mathematical Physics, Molecular Physics, Nuclear Physics, Plasma Physics, Theoretical Physics)
1504	Other Physical Sciences
6000	Solar Physics
7000	Heliospheric Physics
8000	Planetary Astronomy and Sciences
<b>GEOSCIENCES, ATMOSPHERIC AND OCEAN SCIENCES</b>	
1600	Atmospheric Sciences and Meteorology (Aeronomy, Atmospheric chemistry and climatology, Atmospheric physics and dynamics, Meteorology, Weather Modification)
1601	Geological and Earth Sciences (Earth and Planetary Sciences, Geochemistry, Geodesy and gravity, Geophysics and Seismology, Geology, Geomagnetism, Minerology and Petrology, Paleomagnetism, Paleontology, Physical Geography, Stratigraphy and Sedimentation, Surveying)
1602	Ocean Sciences and Marine Sciences (Biological Oceanography, Geological Oceanography, Marine Biology, Marine Oceanography, Marine Sciences, Chemical and Physical Oceanography )
8001	Extraterrestrial Atmospheres
<b>MATHEMATICS AND STATISTICS</b>	
1700	Mathematical Sciences (Applied Mathematics, Mathematics, Statistics)
<b>COMPUTER AND INFORMATION SCIENCES</b>	
1800	Computer Sciences (Computer Systems Analysis, Data Processing, Informational Sciences, Information Technology, Management Information Systems)
<b>LIFE SCIENCES</b>	
1900	Agricultural Sciences (Agricultural Business and Management, Agricultural Chemistry, Agricultural Economics, Agricultural Production Operations, Animal Science, Aquaculture, Fish & Wildlife, Forestry, Horticulture, International Agriculture, Plant Sciences, Soil Sciences, Wood Sciences)
1901	Biological and Biomedical Sciences (Allergies and Immunology, Biochemistry, Biophysics, Molecular Biology, Biogeography, General Biology, Biomedical Sciences, Biomathematics, Bioinformatics, Computational Biology, Biotechnology, Botany and Plant Biology, Cell, Cellular Biology and Anatomical Sciences, Ecology, Epidemiology, Population Biology, Genetics, Microbiological Sciences and Immunology, Molecular Medicine, Neurobiology and Neuroscience, Pharmacology and Toxicology, Physiology, Pathology and Related Sciences, Zoology and Animal Biology)
1902	Health Sciences (Health & Medical Assisting Services, Bioethcs, Medical Ethics, Clinical Medicine Research, Clinical/Medical Laboratory Science/Research, Communication Disorders Sciences and Services, Dentistry, Dietetics and Clinical Nutrition Services, Health and Medical Admin Services, Gerontology, Health Sciences, Kinesiology and Exercise Science, Medical Clinical Sciences, Graduate Medical Studies, Optometry, Osteopathic Medicine, Pharmacy, Podiatry, Public Health, Veterinary Medicine)
1903	Other Life Sciences (Other life sciences that cannot be classified in 1900, 1901, 1902, 1904 or 9000)

<b>LIFE SCIENCES (continued)</b>	
1904	Natural Resources and Conservation (Natural resources conservation and research, Natural resources economics, Natural resources management and policy, Renewable natural resources, Wildlife and Wildlands science and management)
9000	Nursing (Nursing Research and Clinical Nursing)
<b>PSYCHOLOGY</b>	
2000	Psychology (Clinical Psychology, Counseling and Applied Psychology, Human Development , Research and Experimental Psychology)
<b>SOCIAL SCIENCES</b>	
3000	Economics (Applied Economics, Business Development, Development Economics and International Development, Econometrics and Quantitative Economics, Industrial Economics, International Economics, Labor Economics, Managerial Economics, Public Finance and Fiscal Policy)
3001	Political Science and Government (Comparative Government, Government, Legal Systems, Political Economy, Political Science, Political Theory)
3002	Sociology, Demography and Population Studies (Comparative and Historical Sociology, Complex Organizations, Cultural and Social Structure, Demography and Population Studies, Group Interactions, Rural Sociology, Social Problems and Welfare Theory, Sociology)
3003	Other Social Sciences (Archaeology, Area, Ethnic, Cultural, Gender, and Group Studies, Cartography, City, Urban, Community and Regional Planning, Criminal Science and Corrections, Criminology, Geography, Gerontology Social Sciences, International Relations and National Security Studies, Linguistics, Public Policy Analysis, Regional Studies, Urban Affairs, Urban Studies)
3004	Anthropology (Cultural Anthropology, Medical Anthropology, Physical and Biological Anthropology)
<b>NON-SCIENCE AND ENGINEERING (S&amp;E)</b>	
4000	Education (Education Administration and Supervision, Education Research, Teacher Education (specific levels and methods), Teaching Fields)
4001	Law (Legal Studies)
4002	Humanities (English Language and Literature, Foreign Language and Literature, History (including History and Philosophy of Science and Technology) General Studies and Humanities, Letters, Liberal Arts and Sciences, Philosophy and Religion, Theology and Religious Vocations)
4003	Visual and Performing Arts, Drama, theatre arts and stagecraft, Film, Video and Photographic Arts, Fine and Studio Arts, Music)
4004	Business Management and Business Administration (Business Administration, Business Management, Business (Managerial Economics), Marketing Management and Research)
4005	Communication and Communications Technologies (Communication and Media Studies, Communications Technologies, Journalism, Radio, Television, and Digital Communication)
4006	Other Non-S&E Fields (Architecture, Family (consumer sciences and human sciences), Foods (nutrition and wellness studies), Landscape Architecture, Library Science, Military Technology and Applied Science, Parks, Sports, Recreation, Leisure, and Fitness Studies, Public Administration and Public Affairs, Other non-S&E fields that cannot be classified using the thrust codes listed in this field)
4007	Social Work