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Classification Scheme available at  
<https://grants.nih.gov/training/phs2271.pdf>

# An Exploratory Classification Scheme of Health Sciences Disciplines

For use in bibliometric analyses of  
scholarly output

University of Washington  
Health Sciences Library

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## I. Predominantly Non-Clinical or Lab-Based Research Training

### 1005 BIOLOGY / LIFE SCIENCES / ZOOLOGY

#### 1015 AGRICULTURAL SCIENCES

#### 1100 BIOCHEMISTRY / PROTEOMICS

1110 Biological Chemistry

1120 Bioenergetics

1130 Enzymology

1140 Metabolism

#### 1200 BIOENGINEERING

1210 Bioelectric/Biomagnetic

1220 Biomaterials

1230 Biomechanical Engineering

1240 Imaging

1250 Instrumentation and Devices

1260 Mathematical Modeling

1270 Medical Implant Science

1280 Nanotechnology

1290 Rehabilitation Engineering

1310 Tissue Engineering

#### 1355 ENGINEERING /COMPUTER SCIENCE

1350 Electrical Engineering

#### 1400 BIOPHYSICS / PHYSICS

1410 Kinetics

1420 Spectroscopy

1430 Structural Biology

1440 Theoretical Biophysics

#### 1500 BIOTECHNOLOGY

1510 Applied Molecular Biology

1520 Bioprocessing and Fermentation

1530 Metabolic Engineering

#### 1600 CELL AND DEVELOPMENTAL BIOLOGY

1610 Cell Biology

1620 Developmental Biology

#### 1700 CHEMISTRY

1710 Analytical Chemistry

1720 Bioinorganic Chemistry

1730 Bioorganic Chemistry

1740 Biophysical Chemistry

1750 Medicinal Chemistry

1760 Physical Chemistry

1770 Synthetic Chemistry

#### 1900 ENVIRONMENTAL SCIENCES / ECOLOGY

#### 2000 GENETICS

2010 Behavioral Genetics

2020 Developmental Genetics

2030 Genetic Epidemiology

2040 Genetics of Aging

2050 Genomics

2060 Human Genetics

2070 Molecular Genetics

2080 Population Genetics

#### 2200 IMMUNOLOGY

2210 Asthma and Allergic Mechanisms

2220 Autoimmunity

2230 Immunodeficiency

2240 Immunogenetics

2250 Immunopathology

2260 Immunoregulation

2270 Inflammation

2280 Structural Immunology

2290 Transplantation Biology

2310 Vaccine Development

#### 2400 MICROBIOLOGY AND INFECTIOUS DISEASES

2410 Bacteriology

2420 Etiology

2430 HIV/AIDS

2440 Mycology

2450 Parasitology

2460 Pathogenesis of Infectious Diseases

2470 Virology

#### 2600 MOLECULAR BIOLOGY / BIOLOGICAL STRUCTURE / STRUCTURAL BIOLOGY

#### 2800 NEUROSCIENCE

2810 Behavioral Neuroscience

2820 Cellular neuroscience

2830 Cognitive neuroscience

2840 Communication Neuroscience

2850 Computational Neuroscience

2860 Developmental Neuroscience

2870 Molecular Neuroscience

2880 Neurochemistry

Code to broader classification

## I. Predominantly Non-Clinical or Lab-Based Research Training

2890 Neurodegeneration  
2910 Neuropharmacology  
2920 Systems/Integrative Neuroscience

### 3100 NUTRITIONAL SCIENCES

### 3200 PHARMACOLOGY

3210 Molecular Pharmacology  
3220 Pharmacodynamics  
3230 Pharmacogenetics  
3240 Toxicology

### 3300 PHYSIOLOGY

3310 Aging  
3320 Anesthesiology (basic science)  
3330 Endocrinology (basic science)  
3340 Exercise Physiology (basic science)  
3350 Integrative Biology / Systems Biology  
3360 Molecular Medicine  
3370 Physiological Optics  
3380 Reproductive Physiology

### 3500 PLANT BIOLOGY

### 3600 PSYCHOLOGY, NON-CLINICAL

3610 Behavioral Communication Sciences  
3620 Behavioral Medicine (non-clinical)  
3630 Cognitive Psychology  
3640 Developmental and Child Psychology  
3650 Experimental & General Psychology  
3660 Mind-Body Studies  
3680 Neuropsychology  
3690 Personality and Emotion  
3710 Physiological Psychology & Psychobiology  
3720 Psychology of Aging  
3730 Psychometrics  
3740 Psychophysics  
3750 Social Psychology

### 3900 PUBLIC HEALTH

3910 Disease Prevention and Control  
3920 Epidemiology  
3930 Health Economics  
3940 Health Education  
3950 Health Policy Research  
3960 Health Services Research

3970 Occupational and Environmental Health  
3975 Global Health

### 4100 RADIATION, NON-CLINICAL

4110 Nuclear Chemistry  
4120 Radiation Physics  
4130 Radiobiology

### 4155 ARCHITECTURE / BUILT ENVIRONMENT

### 4200 SOCIAL SCIENCES

4210 Anthropology  
4220 Bioethics  
4230 Demography & Population Studies  
4240 Economics  
4250 Education  
4260 Language and Linguistics  
4270 Sociology  
4295 Law / Public Policy

### 4400 STATISTICS AND/OR RESEARCH METHODS AND/OR INFORMATICS

4410 Biostatistics and/or Biometry  
4420 Bioinformatics / Computational Biology  
4425 Biomedical Informatics  
4430 Computational Science  
4440 Information Science  
4450 Clinical Trials Methodology  
4460 Translational Informatics  
4470 Clinical Informatics  
4480 Public Health Informatics

### 4600 TRAUMA, NON CLINICAL

5000 OTHER, Predominantly Non-Clinical or Lab-Based  
Research Training Not Otherwise Specified (FHCRC  
Basic Sciences Division, IT)

 Code to broader classification

## II. Predominantly Clinical Research Training (can include any degree)

### 6100 ALLIED HEALTH

6110 Audiology  
6120 Community Psychology  
6130 Exercise Physiology (clinical)  
6140 Medical Genetics  
6150 Occupational Health  
6160 Palliative Care  
6170 Physical Therapy  
6180 Pharmacy / Pharmaceutical Sciences  
6190 Social Work  
6210 Speech-language Pathology  
6211 Rehabilitation

### 6400 DENTISTRY / ORAL HEALTH

**6500 CLINICAL DISCIPLINES** (Medicine, Clinical Research, School of Medicine and other Schools)

6510 Allergy  
6520 Anesthesiology  
6530 Behavioral Medicine (clinical)  
6540 Cardiovascular Diseases  
6545 Cardiothoracic Surgery  
6550 Clinical Laboratory Medicine  
6560 Clinical Nutrition  
6570 Clinical Pharmacology  
6580 Complementary and Alternative Medicine  
6590 Clinical Psychology  
6610 Connective Tissue Diseases / Rheumatology  
6615 Critical Care / Intensive Care  
6620 Dermatology  
6625 Emergency Medicine  
6635 Family Medicine / Community Medicine  
6640 Gastroenterology  
6645 Colon & Rectal Surgery  
6650 Endocrinology / Metabolism / Diabetes  
6660 Immunology  
6670 Gene Therapy (clinical)  
6680 Geriatrics  
6690 Hematology  
6710 HIV/AIDS  
6820 Infectious Diseases  
6825 Internal Medicine  
6830 Liver Diseases  
6850 Nephrology  
6860 Neurology  
6865 Neurosurgery  
6870 Ophthalmology

6880 Nuclear Medicine  
6890 OB-GYN  
6910 Oncology  
6920 Orthopedics incl Surgery  
6930 Otorhinolaryngology incl Surgery  
6935 Pathology  
6940 Preventive Medicine  
6950 Radiation, Interventional / Radiation Oncology / Interventional Radiology  
6960 Pulmonary Diseases  
6970 Radiology, Diagnostic  
6980 Rehabilitation Medicine  
6990 Psychiatry  
7000 Sleep Medicine  
7110 Surgery (general / transplant / unspecified)  
7120 Trauma  
7130 Urology  
7140 Plastic Surgery  
7150 Vascular Surgery

### 7300 PEDIATRIC DISCIPLINES

7310 Pediatric Endocrinology  
7320 Pediatric Hematology  
7330 Pediatric Oncology  
7340 Pediatric, Prematurity & Newborn

### 7500 NURSING

### 7700 VETERINARY MEDICINE / COMPARATIVE MEDICINE

**8000 OTHER, Predominantly Clinical Research Training Not Otherwise Specified** (Clinical Research Division FHCRC)

### 8100 ORGANIZATIONS, GROUP NAME/ TASK FORCE/ PROJECT

### 8300 RELIGION/SPIRITUAL CARE/CHAPLAINCY

### 8400 COMMUNICATION / ENGLISH

 Code to broader classification