PROGRAM CLUSTERS AND RELATED PROGRAMS

**Agriculture/Natural Resources**

<table>
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<tr>
<th>Code</th>
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<tbody>
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**Business**

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Program Clusters and Related Programs

258 Health Services Administration
- Health System/Health Services Administration
- Health Unit Manager/Ward Supervisor
- Hospital/Health Facilities Administration
- Medical Dietetics
- Medical Office Management
- Medical Records Administration
- Nursing Administration (Post-R.N.)
- Programs for Central Service Technicians
- Programs for Medical Coding Specialists

260 Hotel, Restaurant, and Hospitality Management
- Hospitality/Administration Management
- Hotel/Motel and Restaurant Management
- International Finance

262 Insurance
- Actuarial Science
- Insurance Marketing Operations
- Insurance and Risk Management

264 International Business
- International Agriculture
- International Business
- International Business Marketing

266 Marketing and Sales
- Advertising
  - Apparel and Accessories Marketing Operations, General
  - Auctioneering
  - Business Marketing and Marketing Management
  - Business Services Marketing Operations
  - Consumer Economics and Science
  - Entrepreneurship
  - Fashion Merchandising
  - Fashion Modeling
  - Financial Services Marketing Operations
  - Floristry Marketing Operations
  - Food Products Retailing and Wholesaling Operations
  - Food Sales Operations
  - General Buying Operations
  - General Distribution Operations
  - General Marketing Operations
  - General Retailing Operations
  - General Selling Skills and Sales Operations
- Health Products and Services Marketing Operations
- Home Products Marketing Operations
- Hospitality and Recreation Marketing Operations, General
- Hotel/Motel Services Marketing Operations
- Insurance Marketing Operations
- International Business Marketing
- Marketing Research
- Office Products Marketing Operations
- Personal Services Marketing Operations
- Petroleum Products Retailing Operations
- Recreation Products/Services Marketing Operations
- Travel Services Marketing Operations
- Vehicle Marketing Operations

268 Medical Records and Technologies
- Health Unit Coordinator/Ward Clerk
- Medical Administrative Secretary
- Medical Records Administration
- Medical Records Technology
- Medical Transcription
- Programs for Central Service Technicians
- Programs for Medical Coding Specialists

270 Real Estate
- Real Estate

272 Secretarial Studies and Office Administration
- Administrative/Secretarial Science, General
- Court Reporting
- Executive Secretary
- General Office/Clerical/Typing Studies
- Legal Administrative Secretary
- Medical Administrative Secretary
- Office Supervision and Management
- Receptionist

274 Tourism and Travel
- Sport and Fitness Administration/Management
- Tourism Promotion Operations
- Travel Services Marketing Operations
- Travel-Tourism Management

Computers/Applications

304 Computer Sciences and Data Processing
- Business Computer Facilities Operation
- Business Computer Programming
- Business Systems Networking and Telecommunications
- Computer Maintenance Technologies
- Computer Programming
- Computer Science
- Computer Systems Analysis
- Computer and Information Sciences, General
- Data Processing Technologies
- Desktop Publisher
- Information Processing/Data Entry Technology
- Information Sciences and Systems
- Management Information Systems and Business Data Processing, General
- Programs for Web Page Designers

Education

354 Counseling
- Alcohol/Drug Abuse Counseling
- College/Postsecondary Student Counseling and Personnel Services
- Counselor Education Counseling and Guidance Services
- Family and Marriage Counseling
- Vocational Rehabilitation Counseling

358 Early Childhood and Elementary Education
- Bilingual/Bicultural Education
PROGRAM CLUSTERS AND RELATED PROGRAMS

Child Care Provider  
Curriculum and Instruction  
Education Administration and Supervision, General  
Educational Supervision  
Elementary Teacher Education  
Elementary, Middle and Secondary Education Administration  
Junior High/Intermediate/Middle School Teacher Education  
Pre-Elementary/Early Childhood/Kindergarten Teacher Education  
Programs for Multi-Occupational Aides  
Reading Teacher Education  
Teacher Assistant/Aide  
Teacher Education, Multiple Levels  
Teaching English as a Second Language/Foreign Language

Health and Physical Education 362
Adapted Physical Education/Therapeutic Recreation  
Athletic Training and Sports Medicine  
Exercise Sciences/Physiology and Movement Studies  
Health Teacher Education  
Health and Physical Education, General  
Physical Education Teaching and Coaching  
Socio-Psychological Sports Studies  
Sport and Fitness Administration/Management

Library Science 366
Library Assistant  
Library Science/Librarianship

Secondary Education and Postsecondary Vocational/Technical 370
Adult and Continuing Education Administration  
Adult and Continuing Teacher Education  
Agricultural Teacher Education (Vocational)  
Art Teacher Education  
Bilingual/Bicultural Education  
Biology Teacher Education  
Business Teacher Education (Vocational)  
Chemistry Teacher Education  
Community and Junior College Administration  
Computer Teacher Education  
Curriculum and Instruction  
Drama and Dance Teacher Education  
Driver and Safety Teacher Education  
Education Administration and Supervision, General  
Education, General  
Educational Supervision  
Elementary, Middle and Secondary Education Administration  
English Teacher Education  
Foreign Languages Teacher Education  
French Language Teacher Education  
German Language Teacher Education  
Health Occupations Teacher Education (Vocational)  
Higher Education Administration  
History Teacher Education  
Home Economics Teacher Education (Vocational)  
Junior High/Intermediate/Middle School Teacher Education  
Marketing Operations/Distribution Teacher Education (Vocational)  
Mathematics Teacher Education  
Music Teacher Education  
Physics Teacher Education  
Reading Teacher Education  
Science Teacher Education, General  
Secondary Teacher Education  
Social Science Teacher Education  
Social Studies Teacher Education  
Spanish Language Teacher Education  
Speech Teacher Education  
Teacher Education, Multiple Levels  
Teaching English as a Second Language/Foreign Language  
Technical Teacher Education (Vocational)  
Technology Teacher Education/Industrial Arts Teacher Education  
Trade and Industrial Teacher Education (Vocational)

Special Education 374
Administration of Special Education  
Education of the Autistic  
Education of the Blind and Visually Handicapped  
Education of the Deaf and Hearing Impaired  
Education of the Emotionally Handicapped  
Education of the Gifted and Talented  
Education of the Mentally Handicapped  
Education of the Multiple Handicapped  
Education of the Physically Handicapped  
Education of the Specific Learning Disabled  
Education of the Speech Impaired  
Sign Language Interpreter  
Special Education, General  
Teacher Assistant/Aide

Educational Administration and Support Services 378
Administration of Special Education  
Adult and Continuing Education Administration  
Bilingual/Bicultural Education  
College/Postsecondary Student Counseling and Personnel Services  
Community and Junior College Administration  
Counselor Education Counseling and Guidance Services  
Curriculum and Instruction  
Education Administration and Supervision, General  
Education of the Autistic  
Education of the Blind and Visually Handicapped  
Education of the Deaf and Hearing Impaired  
Education of the Emotionally Handicapped  
Education of the Gifted and Talented  
Education of the Mentally Handicapped  
Education of the Multiple Handicapped  
Education of the Physically Handicapped  
Education of the Specific Learning Disabled  
Education of the Speech Impaired  
Education, General  
Educational Assessment, Testing and Measurement  
Educational Evaluation and Research  
Educational Statistics and Research Methods  
Educational Supervision  
Educational/Instructional Media Design  
Elementary, Middle and Secondary Education Administration
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<td>Medical Illustrating</td>
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<td>Metal and Jewelry Arts</td>
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<td>Painting</td>
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<td>Programs for Taxidermists</td>
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<td></td>
<td>Sculpture</td>
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<td>Visual and Performing Arts</td>
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<tr>
<td>558 Dance</td>
<td>Dance</td>
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<td>Visual and Performing Arts</td>
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**Program Clusters and Related Programs**

**Family, Food, & Consumer Science**

- 504 Dietetics and Nutrition
- 508 Food Service
- 512 Food Science and Technologies
- 516 Home Economics

**Fine Arts**

- 554 Art
- 558 Dance
562 Dramatic Arts
Acting and Directing
Drama/Theater Arts, General
Drama/Theater Literature, History and Criticism
Playwriting and Screenwriting
Technical Theater/Theater Design and Stagecraft
Visual and Performing Arts

566 Graphic Design and Printing
Advertising
Computer Typographer and Compositor
Design and Visual Communications
Desktop Publisher
Graphic Design and Printing Technical Studies, Journeyworker
Graphic Design, Commmerical Art and Illustration
Graphic and Printing Equipment Operator, General
Industrial Design
Lithographer and Platemaker
Mechanical Typesetter and Composer
Printing Press Operator
Printmaking
Programs for Web Page Designers

570 Music
Music - General Performance
Music - Piano and Organ Performance
Music - Voice and Choral/Opera Performance
Music Business Management and Merchandising
Music Conducting
Music History and Literature
Music Theory and Composition
Music, General
Musicology and Ethnomusicology

574 Photographic Arts
Commercial Photography
Film-Video Making/Cinematography and Production
Film/Cinema Studies
Photographic Technologies
Photography

602 Allied Dental Services
Dental Assistant
Dental Hygienist
Dental Laboratory Technology

604 Chiropractic Training
Chiropractic

606 Dentistry and Pre-Dentistry
Dental Clinical Sciences/Graduate Dentistry (M.S., Ph.D.)
Dental Public Health Specialty
Dental/Oral Surgery Specialty
Dentistry
Endodontics Specialty
Oral Pathology Specialty
Orthodontics Specialty
Pedodontics Specialty
Periodontics Specialty
Pre-Dentistry Studies

608 Emergency Medical Care
Emergency Medical Technology

610 Medical Assisting
Health Aide
Medical Assistant
Ophthalmic Medical Assistant
Physical Therapy Assistant
Physician Assistant
Programs for Chiropractic Technicians
Surgical Technology

612 Medical Laboratory Technologies
Blood Bank Technology
Cytotechnology
Hematology Technology
Medical Laboratory Assistant
Medical Laboratory Technology
Medical Technology
Programs for Histotechnologists
Programs for Phlebotomy Technicians

614 Medicine and Pre-Medicine
Acupuncture and Oriental Medicine
Aerospace Medicine Residency
Allergies and Immunology Residency
Anesthesiology Residency
Blood Banking Residency
Cardiology Residency
Chemical Pathology Residency
Child Psychiatry Residency
Child/Pediatric Neurology Residency
Colon and Rectal Surgery Residency
Critical Care Anesthesiology Residency
Critical Care Medicine Residency
Critical Care Surgery Residency
Dermatology Residency
Dermatopathology Residency
Diagnostic Radiology Residency
Emergency Medicine Residency
Endocrinology and Metabolism Residency
Family Medicine Residency
Forensic Pathology Residency
Gastroenterology Residency
General Surgery Residency
Geriatric Medicine Residency
Hand Surgery Residency
Hematological Pathology Residency
Hematology Residency
Immunopathology Residency
Infectious Disease Residency
Internal Medicine Residency
Laboratory Medicine Residency
Medical Anatomy
Medical Biochemistry
Medical Biomathematics and Biometrics
Medical Cell Biology
Medical Clinical Sciences (M.S., Ph.D.)
Medical Genetics
Medical Immunology

Health Sciences
PROGRAM CLUSTERS AND RELATED PROGRAMS

Medical Microbiology
Medical Molecular Biology
Medical Neurobiology
Medical Nutrition
Medical Pathology
Medical Physics/Biophysics
Medical Physiology
Medical Toxicology
Medicine (M.D.)
Musculoskeletal Oncology Residency
Naturopathic Medicine
Neonatal-Perinatal Medicine Residency
Nephrology Residency
Neurological Surgery/Neurosurgery Residency
Neurology Residency
Neuropathology Residency
Nuclear Medicine Residency
Nuclear Radiology Residency
Nursing Anesthetist (Post-R.N.)
Nursing Midwifery (Post-R.N.)
Nursing, Adult Health (Post-R.N.)
Nursing, Family Practice (Post-R.N.)
Nursing, Maternal/Child Health (Post-R.N.)
Nursing, Pediatric (Post-R.N.)
Nursing, Psychiatric/Mental Health (Post-R.N.)
Nursing, Public Health (Post-R.N.)
Nursing, Surgical (Post-R.N.)
Practical Nurse (L.P.N. Training)
Programs for Multi-Occupational Aides

618 Optometry and Pre-Optometry Technologies
Ophthalmic Medical Assistant
Ophthalmic Medical Technology
Optical Technology
Opticianry/Dispensing Optician
Optometric/Ophthalmic Laboratory Technology
Optometry
Orthoptics

620 Pharmacy and Pre-Pharmacy
Medical Pharmacology and Pharmaceutical Sciences
Pharmacology, Human and Animal
Pharmacy (B. Pharm., Pharm.D.)
Pharmacy Administration and Pharmaceutics
Pharmacy Technician/Assistant
Pre-Pharmacy Studies

622 Public Health
Community Health Liaison
Environmental Health
Epidemiology
Health Physics/Radiologic Health
Health System/Health Services Administration
Hospital/Health Facilities Administration
Occupational Health and Industrial Hygiene
Pathology, Human and Animal
Public Health Education and Promotion
Public Health, General

624 Radiologic Technology
Medical Radiologic Technology
Nuclear Medical Technology

626 Rehabilitation Services
Art Therapy
Dance Therapy
Hypnotherapy
Movement Therapy
Music Therapy
Occupational Therapy
Occupational Therapy Assistant
Orthotics/Prosthetics
Physical Therapy
Physical Therapy Assistant
Programs for Speech-Language Pathologist Assistants
Psychiatric/Mental Health Technology
Recreational Therapy
Respiratory Therapy Technology

616 Nursing
Elder Care Provider/Companion
Home Health Aide
Nurse Assistant/Aide
PROGRAM CLUSTERS AND RELATED PROGRAMS

Sign Language Interpreter
Vocational Rehabilitation Counseling

628 Respiratory Therapy Technology
Respiratory Therapy Technology

630 Specialized Health Technologies
Cardiovascular Technology
Diagnostic Medical Sonography
Electrocardiograph Technology
Electroencephalograph Technology
Medical Illustrating
Medical Radiologic Technology
Perfusion Technology
Programs for Anesthesia Technologists
Programs for Dialysis Technicians
Surgical Technology

632 Speech Pathology and Audiology
Audiology/Hearing Sciences
Communication Disorders, General
Programs for Speech-Language Pathologist Assistants
Sign Language Interpreter
Speech-Language Pathology
Speech-Language Pathology and Audiology

634 Veterinary and Pre-Veterinary Medicine
Laboratory Animal Medicine
Pre-Veterinary Studies
Theriogenology
Veterinarian/Animal Health Technology
Veterinary Anesthesiology
Veterinary Clinical Sciences (M.S., Ph.D.)
Veterinary Dentistry
Veterinary Dermatology
Veterinary Emergency and Critical Care Medicine
Veterinary Internal Medicine
Veterinary Medicine (D.V.M.)
Veterinary Microbiology
Veterinary Nutrition
Veterinary Ophthalmology
Veterinary Pathology
Veterinary Practice
Veterinary Preventive Medicine
Veterinary Radiology
Veterinary Surgery
Veterinary Toxicology
Zoological Medicine

652 Auto Body Repair
Auto/Automotive Body Repair

654 Aviation Management and Flight Training
Air Force R.O.T.C./Air Science
Air Traffic Controller
Aircraft Pilot (Private)
Aircraft Pilot and Navigator (Professional)
Aviation Management
Aviation and Airway Science
Flight Attendant

656 Aviation Maintenance

658 Construction Trades
Building/Property Maintenance/Manager
Carpenter
Construction Equipment Operator
Construction Trades Technical Studies, Journeyworker
Construction/Building Inspector
Construction/Building Technologies
Electrician
Mason and Tile Setter
Painter and Wall Coverer
Plumber and Pipefitter
Programs in Preparatory Plumbing

660 Drafting
Architectural Drafting
Civil/Structural Drafting
Drafting, General
Electrical/Electronics Drafting
Mechanical Drafting

662 Electricity and Electronics Repair
Business Machine Repair
Communication Systems Installation and Repair
Electrical and Electronic Technical Studies, Journeyworker
Electrical and Electronics Equipment Installation and Repair
Electrical, Electronic and Communications Engineering Technologies
Electrician
Industrial Electronics Installation and Repair
Lineworker
Major Appliance Installation and Repair
Power Transmission Technical Studies, Journeyworker

664 Gas and Diesel Technicians
Agricultural Power Machinery Operation
Automotive Technician
Diesel Engine Technician
Heavy Equipment Maintenance and Repair
Small Engine Technician

666 Heating and Cooling Technicians
Heating, Air Conditioning and Refrigeration Mechanic
Heating, Air Conditioning and Refrigeration Technologies
Heating, Air Conditioning, and Refrigeration Technical Studies, Journeyworker
Programs for Natural and Propane Gas Distributors and Service Technicians

668 Industrial Mechanics
Heavy Equipment Maintenance and Repair
Hydraulic Technologies
Industrial Design
Industrial Machinery Maintenance Technical Studies, Journeyworker
Industrial Machinery Maintenance and Repair
Stationary Energy Source Installation and Operation

670 Metalworking
Machine Shop Assistant
Machining Technical Studies, Journeyworker

8
Machinist/Machine Technician
Programs for Electron Microscopists
Programs for Multi-Occupational Aides
Programs for Weld Inspectors
Quality Control Technologies
Sheet Metal Worker
Tool and Die Maker/Technician
Tool and Die Technical Studies, Journeyworker
Welder/Welding Technician

Japanese Language and Literature
Latin Language and Literature (Ancient and Medieval)
Linguistics
Portuguese Language and Literature
Russian Language and Literature
Scandinavian Languages and Literatures
Slavic Languages and Literatures (Other Than Russian)
South Asian Languages and Literatures
Spanish Language and Literature

Mining Technologies
Mining Technologies
Mining and Mineral Engineering

Precision Crafting and Repair
Bicycle Repair
Gunsmith
Instrument Calibration and Repair
Locksmith and Safe Repair
Metal and Jewelry Arts
Musical Instrument Repair
Watch, Clock and Jewelry Repair

Small Engine Repair
Motorcycle Technician
Small Engine Technician

Vehicle and Equipment Operation
Construction Equipment Operator
Truck, Bus and Commercial Vehicle Operator

Woodworking
Cabinetmaker/Millworker
Carpenter
Furniture Designer/Maker
Woodworkers, General

Interdisciplinary Studies
Biological and Physical Sciences
Biopsychology
Gerontology
Historic Preservation, Conservation and Architectural History
Mathematics and Computer Science
Medieval and Renaissance Studies
Museology/Museum Studies
Peace and Conflict Studies
Science, Technology and Society
Systems Science and Theory
Women's Studies

Journalism and Communication Technologies
Broadcast Journalism
Communications, General
Educational/Instructional Media Technologies
Journalism
Mass Communications
Photographic Technologies
Public Relations and Organizational Communications
Radio and Television Broadcasting
Radio and Television Broadcasting Technologies

Business Statistics
Biostatistics
Health and Medical Biostatistics
Mathematical Statistics
Operations Research

Astronomy
Astrophysics

Atmospheric Science and Meteorology Technologies
Atmospheric Sciences and Meteorology

Chemical Engineering
Chemical Engineering
Chemical Engineering

Analytical Chemistry
Chemistry, General
PROGRAM CLUSTERS AND RELATED PROGRAMS

Inorganic Chemistry
Medicinal/Pharmaceutical Chemistry
Organic Chemistry
Physical and Theoretical Chemistry
Polymer Chemistry

766 Geology and Geological Technologies
Geochemistry
Geology
Geophysics and Seismology
Paleontology

770 Life Sciences
Anatomy
Biochemistry
Biological Immunology
Biology, General
Biometrics
Biophysics
Biostatistics
Biotechnology Research
Botany, General
Cell Biology
Ecology
Entomology
Evolutionary Biology
Genetics, Plant and Animal
Health and Medical Biostatistics
Marine/Aquatic Biology
Microbiology/Bacteriology
Molecular Biology
Neuroscience
Nutritional Sciences
Parasitology
Pathology, Human and Animal
Physiology, Human and Animal
Plant Pathology
Plant Physiology
Radiation Biology/Radiobiology
Toxicology
Virology
Zoology, General

774 Oceanography and Oceanographic Technologies
Oceanography

778 Physical Sciences and Technologies
Earth and Planetary Sciences
Metallurgy
Physical Sciences, General

782 Physics
Acoustics
Biophysics
Chemical and Atomic/Molecular Physics
Elementary Particle Physics
Nuclear Physics
Optics
Physics, General
Plasma and High-Temperature Physics
Programs for Electron Microscopists
Solid State and Low-Temperature Physics
Theoretical and Mathematical Physics

Personal and Protective Service

804 Animal Grooming and Training
Animal Training
Equestrian/Equine Studies, Horse Management and Training
Programs for Pet Groomers

808 Criminal Justice
Corrections Technical Studies, Journeyworker
Corrections/Correctional Administration
Criminal Justice Studies
Criminal Justice/Law Enforcement Administration
Criminology
Forensic Technologies
Law Enforcement/Police Science
Natural Resources Law Enforcement and Protective Services
Programs for Public Safety Telecommunicators
Security and Loss Prevention Services

812 Custodial Services
Custodial, Housekeeping and Home Services Personnel and Managers, General
Custodian/Caretaker
Executive Housekeeper
Programs for Multi-Occupational Aides

816 Fire Control
Fire Control Technical Studies, Journeyworker
Fire Protection and Safety Technologies
Fire Science/Firefighting
Fire Services Administration
Programs for Public Safety Telecommunicators

820 Funeral Services
Funeral Services Technical Studies, Journeyworker
Funeral Services and Mortuary Science

824 Leatherworking and Upholstering
Shoe, Boot and Leather Repairer
Upholsterers

828 Personal Services
Barber/Hairstylist
Cosmetic Services, General
Cosmetologist
Electrolysis Technician
Make-Up Artist
Massage
Programs for Estheticians
Programs for Nail Technicians

Social Sciences/Service

904 Anthropology
Anthropology

908 Area and Ethnic Studies
African Studies
Afro-American (Black) Studies
PROGRAM CLUSTERS AND RELATED PROGRAMS

American Indian/Native American Studies
American Studies/Civilization
Asian Studies
Asian-American Studies
Canadian Studies
East Asian Studies
Eastern European Area Studies
European Studies
Hispanic-American Studies
Islamic Studies
Jewish/Judaic Studies
Latin American Studies
Middle Eastern Studies
Pacific Area Studies
Russian and Slavic Area Studies
Scandinavian Area Studies
South Asian Studies
Southeast Asian Studies
Western European Studies

912 Economics
Applied and Resource Economics
Business/Managerial Economics
Development Economics and International Development
Econometrics and Quantitative Economics
Economics, General
International Economics

916 Geography
Cartography
Geography

920 History
American (United States) History
European History
History and Philosophy of Science and Technology
History, General
Public/Applied History and Archival Administration

924 Law and Pre-Law
Juridical Science/Legal Specialization
(LL.M.,M.C.L.,J.S.D./S.J.D.)
Law (LL.B., J.D.)
Legal Administrative Secretary
Paralegal/Legal Assistant
Pre-Law Studies

928 Military Studies
Air Force R.O.T.C./Air Science
Army R.O.T.C./Military Science
Military Technologies
Navy/Marine Corps R.O.T.C./Naval Science

932 Philosophy and Religion
Philosophy
Religion/Religious Studies

936 Political Science
International Relations and Affairs
Political Science, General

940 Psychology
Clinical Psychology
Cognitive Psychology and Psycholinguistics
Community Psychology
Counseling Psychology

Developmental and Child Psychology
Educational Psychology
Experimental Psychology
Industrial and Organizational Psychology
Physiological Psychology/Psychobiology
Psychology, General
School Psychology
Social Psychology

944 Public Administration
Community Organization, Resources and Services
Public Administration
Public Policy Analysis

948 Social Services
Alcohol/Drug Abuse Counseling
Clinical and Medical Social Work
Social Work

952 Sociology
American Government and Politics
Archeology
Demography/Population Studies
Social Sciences, General
Sociology
Urban Affairs/Studies

956 Theology
Bible/Biblical Studies
Biblical and Other Theological Languages and Literatures
Divinity/Ministry (B.D., M.Div.)
Missions/Missionary Studies and Missiology
Pastoral Counseling and Specialized Ministries
Pre-Theological/Pre-Ministerial Studies
Rabbinical and Talmudic Studies (M.H.L./Rav)
Religious Education
Religious/Sacred Music
Theology/Theological Studies