

## **CUPA-HR NFS Survey Discipline Descriptions Based on Classification of Instructional Programs (CIP-2000)**

*CIP-1990 Program and Code Shown on Second Line*

### **Agriculture, Agriculture Operations, and Related Sciences [01.]**

*CIP-1990: Agricultural Business and Production [01.]*

Instructional programs that focus on agriculture and related sciences and that prepare individuals to apply specific knowledge, methods, and techniques to the management and performance of agricultural operations. Includes the following discipline groups:

- 01.00 Agriculture, General
- 01.01 Agriculture Business and Management
- 01.02 Agricultural Mechanization
- 01.03 Agricultural Production Operations
- 01.04 Agricultural and Food Products Processing
- 01.05 Agricultural and Domestic Animal Services]
- 01.06 Applied Horticulture and Horticultural Business Services
- 01.07 International Agriculture
- 01.08 Agricultural and Extension Education Services
- 01.09 Animal Sciences
- 01.10 Food Science and Technology
- 01.11 Plant Sciences
- 01.12 Soil Sciences
- 01.99 Agriculture, Agriculture, Operations, and Related Sciences, Other

### **Natural Resources and Conservation [03.]**

*CIP-1990: Conservation and Renewable Natural Resources [03.]*

Instructional programs that focus on the various natural resources and conservation fields and prepare individuals for related occupations. Includes the following discipline groups:

- 03.01 Natural Resources Conservation and Research
- 03.02 Natural Resources Management and Policy
- 03.03 Fishing and Fisheries Sciences and Management
- 03.05 Forestry
- 03.06 Wildlife and Wildlands Science and Management
- 03.99 Natural Resources and Conservation, Other

### **Architecture and Related Services [04.]**

*CIP-1990: Architecture and Related Programs [04.]*

Instructional programs that prepare individuals for professional practice in the various architecture-related fields and focus on the study of related aesthetic and socioeconomic aspects of the built environment. Includes the following discipline groups:

- 04.02 Architecture
- 04.03 City/Urban, Community and Regional Planning
- 04.04 Environmental Design
- 04.05 Interior Architecture
- 04.06 Landscape Architecture
- 04.08 Architectural History and Criticism
- 04.09 Architectural Technology/Technician

### **Area, Ethnic, Cultural, and Gender Studies [05.]**

*CIP-1990: Area, Ethnic and Cultural Studies [05.]*

Instructional programs that focus on the defined areas, regions, and countries of the world; defined minority groups within and across societies; and issues relevant to collective gender experience. Includes the following discipline groups:

- 05.01 Area Studies
- 05.02 Ethnic, Cultural Minority, and Gender Studies
- 05.99 Area, Ethnic, Cultural, and Gender Studies, Other

### **Communication, Journalism, and Related Programs [09.]**

*CIP-1990: Communications [09.]*

Instructional programs that focus on how messages in various media are produced, used, and interpreted within and across different contexts, channels, and cultures, and that prepare individuals to apply communication knowledge and skills professionally. Includes the following discipline groups:

- 09.01 Communications and Media Studies
- 09.04 Journalism
- 09.07 Radio, Television, and Digital Communication
- 09.09 Public Relations, Advertising, and Applied Communication
- 09.10 Publishing
- 09.99 Communication, Journalism, and Related Programs, Other

### **Communications Technologies/Technicians and Support Services [10.]**

*CIP-1990: Communications Technologies [10.]*

Instructional programs that prepare individuals to function as equipment operators, support technicians, and operations managers in the film/video, recording, and graphic communications industries. Includes the following discipline groups:

- 10.01 Communications Technology/Technician Communications and Media Studies
- 10.02 Audiovisual Communications Technologies/Technicians
- 10.03 Graphic Communications
- 10.99 Communications Technologies/Technicians and Support Services, Other

### **Computer and Information Sciences and Support Services [11.]**

*CIP-1990: Computer and Information Sciences [11.]*

Instructional programs that focus on the computer and information sciences and prepare individuals for various occupations in information technology and computer operations fields. Includes the following discipline groups:

- 11.01 Computer and Information Sciences, General
- 11.02 Computer Programming
- 11.03 Data Processing
- 11.04 Information Science/Studies
- 11.05 Computer systems Analysis
- 11.06 Data Entry/Microcomputer Applications
- 11.07 Computer Science
- 11.08 Computer Software and Media Applications
- 11.09 Computer Systems Networking and Telecommunications
- 11.10 Computer/Information Technology Administration and Management
- 11.99 Computer and Information Sciences and Support Services, Other

### **Education [13.]**

*CIP-1990: Education [13.]*

Instructional programs that focus on the theory and practice of learning and teaching, and related research, administrative and support services. Includes the following discipline groups:

- 13.01 Education, General
- 13.02 Bilingual, Multilingual, and Multicultural Education
- 13.03 Curriculum and Instruction
- 13.04 Educational Administration and Supervision
- 13.05 Educational/Instructional Media Design
- 13.06 Educational Assessment, Evaluation and Research
- 13.07 International and Comparative Education
- 13.09 Social and Philosophical Foundations of Education
- 13.10 Special Education and Teaching
- 13.11 Student Counseling and Personnel Services
- 13.12 Teacher Education and Professional Development, Specific Levels and Methods
- 13.13 Teacher Education and Professional Development, Specific Subject Areas
- 13.14 Teaching English or French as a Second or Foreign Language
- 13.15 Teaching Assistants/Aides
- 13.99 Education, Other

**Engineering [14.]***CIP-1990: Engineering [14.]*

Instructional programs that prepare individuals to apply mathematical and scientific principles to the solution of practical problems. Includes the following discipline groups:

- 14.01 Engineering, General
- 14.02 Aerospace, Aeronautical and Astronautical Engineering
- 14.03 Agricultural/Biological Engineering and Bioengineering
- 14.04 Architectural Engineering
- 14.05 Biomedical/Medical Engineering
- 14.06 Ceramic Sciences and Engineering
- 14.07 Chemical Engineering
- 14.08 Civil Engineering
- 14.09 Computer Engineering, General
- 14.10 Electrical, Electronics and Communications Engineering
- 14.11 Engineering Mechanics
- 14.12 Engineering Physics
- 14.13 Engineering Science
- 14.14 Environmental/Environmental Health Engineering
- 14.18 Materials Engineering
- 14.19 Mechanical Engineering
- 14.20 Metallurgical Engineering
- 14.21 Mining and Mineral Engineering
- 14.22 Naval Architecture
- 14.23 Nuclear Engineering
- 14.24 Ocean Engineering
- 14.25 Petroleum Engineering
- 14.27 Systems Engineering
- 14.28 Textile Sciences and Engineering
- 14.31 Materials Science
- 14.32 Polymer/Plastic Engineering
- 14.33 Construction Engineering
- 14.34 Forest Engineering
- 14.35 Industrial Engineering
- 14.36 Manufacturing Engineering
- 14.37 Operations Research
- 14.38 Surveying Engineering
- 14.39 Geological/Geophysical Engineering
- 14.99 Engineering, Other

**Engineering Technologies/Technicians [15.]***CIP-1990: Engineering-Related Technologies [15.]*

Instructional programs that prepare individuals to apply basic engineering principles and technical skills in support of engineering and related projects. Includes the following discipline groups:

- 15.00 Engineering Technology, General
- 15.01 Architectural Engineering Technologies/Technicians
- 15.02 Civil Engineering Technologies/Technicians
- 15.03 Electrical Engineering Technologies/Technicians
- 15.04 Electromechanical Instrumentation and Maintenance Technologies/Technicians
- 15.05 Environmental control Technologies/Technicians
- 15.06 Industrial Production Technologies/Technicians
- 15.07 Quality Control and Safety Technologies/Technicians
- 15.08 Mechanical Engineering Related Technologies/Technicians
- 15.09 Mining and Petroleum Technologies/Technicians
- 15.10 Construction Engineering Technologies
- 15.11 Engineering-Related Technologies
- 15.12 Computer Engineering Technologies/Technicians
- 15.13 Drafting/Design Engineering Technologies/Technicians
- 15.14 Nuclear Engineering Technologies/Technicians

- 15.15 Engineering-Related Fields
- 15.99 Engineering Technologies/Technicians, Other

### **Foreign Languages, Literatures, and Linguistics [16.]**

*CIP-1990: Foreign Languages and Literatures [16.]*

Instructional programs that focus on foreign languages and literatures, the humanistic and scientific study of linguistics, and the provision of professional interpretation and translation services. Includes the following discipline groups:

- 16.01 Linguistic, Comparative, and Related Language Studies and Services
- 16.02 African Languages, Literatures, and Linguistics
- 16.03 East Asian Languages, Literatures, and Linguistics
- 16.04 Slavic, Baltic and Albanian Languages, Literatures, and Linguistics
- 16.05 Germanic Languages, Literatures, and Linguistics
- 16.06 Modern Greek Language and Literature
- 16.07 South Asian Languages, Literatures, and Linguistics
- 16.08 Iranian/Persian Languages, Literatures, and Linguistics
- 16.09 Romance Languages, Literatures, and Linguistics
- 16.10 American Indian/Native American Language, Literatures, and Linguistics
- 16.11 Middle/Near Eastern and Semitic Languages, Literatures, and Linguistics
- 16.12 Classics and Classical Languages, Literatures, and Linguistics
- 16.13 Celtic Languages, Literatures, and Linguistics
- 16.14 Southeast Asian and Australasian/Pacific Languages, Literatures, and Linguistics
- 16.15 Turkic, Ural-Altaic, Caucasian, and Central Asian Languages, Literatures, and Linguistics
- 16.16 American Sign Language
- 16.99 Foreign Languages, Literatures, and Linguistics, Other

### **Family and Consumer Sciences/Human Sciences [19.]**

*CIP-1990: Home Economics [19.]*

Instructional programs that focus on the human interface with the physical, social, emotional, and intellectual environments and the developmental stages and needs of individuals in the interrelated spheres of family, workplace, and community. Includes the following discipline groups:

- 19.00 Work and Family Studies
- 19.01 Family and Consumer Sciences/Human Sciences, General
- 19.02 Family and Consumer Sciences/Human Sciences Business Services
- 19.04 Family and Consumer Economics and Related Studies
- 19.05 Foods, Nutrition, and Related Services
- 19.06 Housing and Human Environments
- 19.07 Human Development, Family Studies, and Related Services
- 19.09 Apparel and Textiles
- 19.99 Family and consumer Sciences/Human Sciences, Other

### **Legal Professions and Studies [22.]**

*CIP-1990: Law and Legal Studies [22.]*

Instructional programs that prepare individuals for the legal profession, for related support professions and professional legal research, and focus on the study of legal issues in non-professional programs. Includes the following discipline groups:

- 22.00 Non-professional General Legal Studies
- 22.01 Law (LL.B, J.D.)
- 22.02 Legal Research and Advanced Professional Studies (Post-LL.B/J.D.)
- 22.03 Legal Support Services
- 22.99 Legal Professions and Studies, Other

### **English Language and Literature/Letters [23.]**

*CIP-1990: English Language and Literature/Letters [23.]*

Instructional programs that focus on the structure and use of the English language and dialects, speech, writing, and various aspects of the literatures and cultures of the English-speaking peoples. Includes the following discipline groups:

- 23.01 English Language and Literature, General

- 23.04 English Composition
- 23.05 Creative Writing
- 23.07 American Literature (United States and Canadian)
- 23.08 English Literature (British and Commonwealth)
- 23.10 Speech and Rhetorical Studies
- 23.11 Technical and Business Writing
- 23.99 English Language and Literature/Letters, Other

**Liberal Arts and Sciences, General Studies And Humanities [24.]**

*CIP-1990: Liberal Arts and Sciences, General Studies And Humanities [24.]*

General instructional programs and independent or individualized studies in the liberal arts subjects, the humanities disciplines and the general curriculum. Includes the following discipline groups:

- 24.01 Liberal Arts and Sciences, General Studies and Humanities

**Library Science [25.]**

*CIP-1990: Library Science [25.]*

Instructional programs that focus on the knowledge and skills required for managing and/or maintaining libraries and related information and record systems, collections and facilities for research and general use. Includes the following discipline groups:

- 25.01 Library Science/Librarianship
- 25.03 Library Assistant
- 25.99 Library Science, Other

**Biological and Biomedical Sciences [26.]**

*CIP-1990: Biological Sciences/Life Sciences [26.]*

Instructional programs that focus on the biological sciences and the non-clinical biomedical sciences, and that prepare individuals for research and professional careers as biologists and biomedical scientists. Includes the following discipline groups:

- 26.01 Biology, General
- 26.02 Biochemistry, Biophysics and Molecular Biology
- 26.03 Botany/Plant Biology
- 26.04 Cell/Cellular Biology and Anatomical Sciences
- 26.05 Microbiological Sciences and Immunology
- 26.07 Zoology/Animal Biology
- 26.08 Genetics
- 26.09 Physiology, Pathology and Related Sciences
- 26.10 Pharmacology and Toxicology
- 26.11 Biomathematics and Bioinformatics
- 26.12 Biotechnology
- 26.13 Ecology, Evolution, Systematics, and Population Biology
- 26.99 Biological and Biomedical Sciences, Other

**Mathematics and Statistics [27.]**

*CIP-1990: Mathematics [27.]*

Instructional programs that focus on the systematic study of logical symbolic language and its applications. Includes the following discipline groups:

- 27.01 Mathematics
- 27.03 Applied Mathematics
- 27.05 Statistics
- 27.99 Mathematics and Statistics, Other

**Multi/Interdisciplinary Studies [30.]**

*CIP-1990: Multi/Interdisciplinary Studies [30.]*

Instructional programs that derive from two or more distinct programs to provide a cross-cutting focus on a subject concentration that is not subsumed under a single discipline or occupational field.

Includes the following discipline groups:

- 30.01 Biological and Physical Sciences
- 30.05 Peace Studies and Conflict Resolution
- 30.06 Systems Science and Theory

- 30.08 Mathematics and Computer Science
- 30.10 Biopsychology
- 30.11 Gerontology
- 30.12 Historic Preservation and Conservation
- 30.13 Medieval and Renaissance Studies
- 30.14 Museology/Museum studies
- 30.15 Science, Technology and Society
- 30.16 Accounting and Computer Science
- 30.17 Behavioral Sciences
- 30.18 Natural Sciences
- 30.19 Nutrition Sciences
- 30.20 International/Global Studies
- 30.21 Holocaust and Related Studies
- 30.22 Classical and Ancient Studies
- 30.23 Intercultural/Multicultural and Diversity Studies
- 30.24 Neuroscience
- 30.25 Cognitive Science
- 30.99 *Multi/Interdisciplinary Studies, Other*

**Parks, Recreation, Leisure and Fitness Studies [31.]**

*CIP-1990: Parks, Recreation, Leisure and Fitness Studies [31.]*

Instructional programs that focus on the principles and practices of managing parks and other recreational and fitness facilities; providing recreational, leisure and fitness services; and the study of human fitness. Includes the following discipline groups:

- 31.01 Parks, Recreation and Leisure Studies
- 31.03 Parks, Recreation and Leisure Facilities Management
- 31.05 Health and Physical Education/Fitness
- 31.99 Parks, Recreation, Leisure and Fitness Studies, Other

**Philosophy and Religious Studies [38.]**

*CIP-1990: Philosophy and Religion [38.]*

Instructional programs that focus on logical inquiry, philosophical analysis, and the academic study of organized systems of belief and religious practices. Includes the following discipline groups:

- 38.01 Philosophy
- 38.02 Religion/Religious Studies
- 38.99 Philosophy and Religious Studies, Other

**Theology and Religious Vocations [39.]**

*CIP-1990: Theological Studies and Religious Vocations [39.]*

Instructional programs that focus on the intramural study of theology and that prepare individuals for the professional practice of religious vocations. Includes the following discipline groups:

- 39.02 Bible/Biblical Studies
- 39.03 Missions/Missionary Studies and Missiology
- 39.04 Religious Education
- 39.05 Religious/Sacred Music
- 39.06 Theological and Ministerial Studies
- 39.07 Pastoral Counseling and Specialized Ministries
- 39.99 Theology and Religious Vocations, Other

**Physical Sciences [40.]**

*CIP-1990: Physical Sciences [40.]*

Instructional programs that focus on the scientific study of inanimate objects, processes of matter and energy, and associated phenomena. Includes the following discipline groups:

- 40.01 Physical Sciences
- 40.02 Astronomy and Astrophysics
- 40.04 Atmospheric Sciences and Meteorology
- 40.05 Chemistry
- 40.06 Geological and Earth Sciences/Geosciences
- 40.08 Physics

40.99 Physical Sciences, Other

**Science Technologies/Technicians [41.]**

*CIP 1990: Science Technologies [41.]*

Instructional programs that prepare individuals to apply scientific principles and technical skills in support of scientific research and development. Includes the following discipline groups:

- 41.01 Biology Technician/Biotechnology Laboratory Technician
- 41.02 Nuclear and Industrial Radiologic Technologies/Technicians
- 41.03 Physical Science Technologies/Technicians
- 41.99 Science Technologies/Technicians, Other

**Psychology [42.]**

*CIP-1990: Psychology [42.]*

Instructional programs that focus on the scientific study of the behavior of individuals, independently or collectively, and the physical and environmental bases of mental, emotional, and neurological activity. Includes the following discipline groups:

- 42.01 Psychology, General
- 42.02 Clinical Psychology
- 42.03 Cognitive Psychology and Psycholinguistics
- 42.04 Community Psychology
- 42.05 Comparative Psychology
- 42.06 Counseling Psychology
- 42.07 Developmental and Child Psychology
- 42.08 Experimental Psychology
- 42.09 Industrial and Organizational Psychology
- 42.10 Personality Psychology
- 42.11 Physiological Psychology/Psychobiology
- 42.16 Social Psychology
- 42.17 School Psychology
- 42.18 Educational Psychology
- 42.19 Psychometrics and Quantitative Psychology
- 42.20 Clinical Child Psychology
- 42.21 Environmental Psychology
- 42.22 Geropsychology
- 42.23 Health Psychology
- 42.24 Psychopharmacology
- 42.25 Family Psychology
- 42.26 Forensic Psychology
- 42.99 Psychology, Other

**Security and Protective Services [43.]**

*CIP-1990: Protective Services [43.]*

Instructional programs that focus on the principles and procedures for providing police, fire, and other safety services and managing penal institutions. Includes the following discipline groups:

- 43.01 Criminal Justice and Corrections
- 43.02 Fire Protection
- 43.99 Security and Protective Services, Other

**Public Administration and Social Service Professions [44.]**

*CIP-1990: Public Administration and Services [44.]*

Instructional programs that prepare individuals to analyze, manage, and deliver public programs and services. Includes the following discipline groups:

- 44.00 Human Services, General
- 44.02 Community Organization and Advocacy
- 44.04 Public Administration
- 44.05 Public Policy Analysis
- 44.07 Social Work
- 44.99 Public Administration and Social Service, Other

**Social Sciences [45.]**

*CIP-1990: Social Sciences and History. History is now the new series 54.*

Instructional programs that focus on the systematic study of social systems, social institutions, and social behavior. Includes the following discipline groups:

- 45.01 Social Sciences, General
- 45.02 Anthropology
- 45.03 Archeology
- 45.04 Criminology
- 45.05 Demography and Population Studies
- 45.06 Economics
- 45.07 Geography and Cartography
- 45.09 International Relations and Affairs
- 45.10 Political Science and Government
- 45.11 Sociology
- 45.12 Urban Studies/Affairs
- 45.99 Social Sciences, Other

**Visual and Performing Arts [50.]**

*CIP-1990: Visual and Performing Arts [50.]*

Instructional programs that focus on the creation and interpretation of works and performances that use auditory, kinesthetic, and visual phenomena to express ideas and emotions in various forms, subject to aesthetic criteria. Includes the following discipline groups.

- 50.01 Visual and Performing Arts, General
- 50.02 Crafts/Craft Design, Folk Art and Artisanry
- 50.03 Dance
- 50.04 Design and Applied Arts
- 50.05 Drama/Theater Arts and Stagecraft
- 50.06 Film/Video and Photographic Arts
- 50.07 Fine and Studio Art
- 50.09 Music
- 50.99 Visual and Performing Arts, Other

**Health Professions and Related Clinical Services [51.]**

*CIP-1990 Health Professions and Related Sciences [51.]*

Instructional programs that prepare individuals to practice as licensed professionals and assistants in the health care professions and focus on the study of related clinical sciences. Includes the following discipline groups.

- 51.00 Health Services/Allied Health/Health Sciences, General
- 51.01 Chiropractic (DC)
- 51.02 Communication Disorders Sciences and Services
- 51.04 Dentistry (DDS, DMD)
- 51.05 Advanced/Graduate Dentistry and Oral Sciences (Cert., MS, PhD)
- 51.06 Dental Support Services and Allied Professions
- 51.07 Health and Medical Administrative Services
- 51.08 Allied Health and Medical Assisting Services
- 51.09 Allied Health diagnostic, Intervention, and Treatment Professions
- 51.10 Clinical/Medical Laboratory Sciences and Allied Professions
- 51.11 Health/Medical Preparatory Programs
- 51.12 Medicine (MD)
- 51.13 Medical Basic Sciences
- 51.14 Medical Clinical Sciences/Graduate Medical Studies
- 51.15 Mental and Social Health Services and Allied Professions
- 51.16 Nursing
- 51.17 Optometry (OD)
- 51.18 Ophthalmic and Optometric Support Services and Allied Professions
- 51.19 Osteopathic Medicine/Osteopathy (DO)
- 51.20 Pharmacy, Pharmaceutical Sciences, and Administration
- 51.21 Podiatric Medicine/Podiatry (DPM)
- 51.22 Public Health

- 51.23 Rehabilitation and Therapeutic Professions
- 51.24 Veterinary Medicine (DVM)
- 51.25 Veterinary Biomedical and Clinical Sciences (Cert., MS, PhD)
- 51.26 Health Aides/Attendants/Orderlies
- 51.27 Medical Illustration and Informatics
- 51.31 Dietetics and Clinical Nutrition Services
- 51.32 Bioethics/Medical Ethics
- 51.33 Alternative and Complementary Medicine and Medical Systems
- 51.34 Alternative and Complementary Medical Support Services
- 51.35 Somatic Bodywork and Related Therapeutic Services
- 51.36 Movement and Mind-Body Therapies and Education
- 51.37 Energy and Biologically Based Therapies
- 51.99 Health Professions and Related Clinical Sciences, Other

**Business, Management, Marketing, and Related Support Services [52.]**

*CIP-1990: Business Management and Administrative Services [52.]*

Instructional programs that prepare individuals to perform managerial, technical support, and applied research functions related to the operation of commercial and non-profit enterprises and the buying and selling of goods and services. Includes the following discipline groups:

- 52.01 Business/Commerce, General
- 52.02 Business Administration, Management and Operations
- 52.03 Accounting and Related Services
- 52.04 Business Operations Support and Assistant Services
- 52.05 Business/Corporate Communications
- 52.06 Business/Managerial Economics
- 52.07 Entrepreneurial and Small Business Operations
- 52.08 Finance and Financial Management Services
- 52.09 Hospitality Administration/Management
- 52.10 Human Resources Management and Services
- 52.11 International Business
- 52.12 Management Information Systems and Services
- 52.13 Management Sciences and Quantitative Methods
- 52.14 Marketing
- 52.15 Real Estate
- 52.16 Taxation
- 52.17 Insurance
- 52.18 General Sales, Merchandising and Related Marketing Operations
- 52.19 Specialized Sales, Merchandising and Marketing Operations
- 52.20 Construction Management
- 52.99 Business, Management, Marketing, and Related Support Services, Other

**History [54.]**

*CIP-1990: History [45.08]*

Instructional programs that focus on the study and interpretation of past events, institutions, issues, and cultures. Includes the following discipline groups:

- 54.01 History