CUPA-HR NFS Survey Discipline Descriptions Based on
Classification of Instructional Programs (CIP–2010)
CIP–2000 Program and Code Shown on Second Line If Different

Agriculture, Agriculture Operations, and Related Sciences [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.]

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.]

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 Sciences and Technology** (previously Architectural Technology/Technician)
04.10   Real Estate Development **(NEW)**

Area, Ethnic, Cultural, Gender and Group Studies [05.]
CIP–2000: Area, Ethnic, Cultural and Gender 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, Gender and Group Studies (previously Ethnic, Cultural Minority, and Gender Studies)
05.99   ~~Area, Ethnic, Cultural, and Gender Studies, Other~~ **(Report under 5.01 or 5.02)**

Communication, Journalism, and Related Programs [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.]

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.]

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.]

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.]

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 Engineering** (previously 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~~ **(Moved to 40.10)**
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
14.40   Paper Science and Engineering **(NEW)**
14.41   Electromechanical Engineering **(NEW)**
14.42   Mechatronics, Robotics, and Automation Engineering **(NEW)**
14.43   Biochemical Engineering **(NEW)**
14.44   Engineering Chemistry **(NEW)**
14.45   Biological/Biosystems Engineering **(NEW)**
14.99   Engineering, Other

Engineering Technologies and Engineering Related Fields [15.]
CIP–2000: Engineering Technologies / Technician [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
15.16 Nanotechnology **(NEW)**
15.99 Engineering Technologies/Technicians, Other

Foreign Languages, Literatures, and Linguistics [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.]

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.]

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.]

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
23.13   Rhetoric and Composition/Writing Studies **(NEW)**
23.14   Literature **(NEW)**
23.99   English Language and Literature/Letters, Other

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.]

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 and Administration** (previously Library Science/Librarianship
25.03   **Library and Archives Assisting** (previously Library Assistant)
25.99   Library Science, Other

Biological and Biomedical 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, Bioinformatics, and Computational Biology** (previously Biomathematics and Bioinformatics)
26.12   Biotechnology
26.13   Ecology, Evolution, Systematics, and Population Biology
26.14   Molecular Medicine **(NEW)**
26.15   Neurobiology and Neurosciences **(NEW)**
26.99   Biological and Biomedical Sciences, Other

Mathematics and Statistics [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.]

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:

30.00   Multi-/Interdisciplinary Studies **(NEW)**
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
30.26   Cultural Studies/Critical Theory and Analysis **(NEW)**
30.27   Human Biology **(NEW)**
30.28   Dispute Resolution **(NEW)**
30.29   Maritime Studies **(NEW)**
30.30   Computational Science **(NEW)**
30.31   Human Computer Interaction**(NEW)**
30.32   Marine Sciences **(NEW)**
30.33   Sustainability Studies **(NEW)**
30.99   Multi/Interdisciplinary Studies, Other

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
31.06   Outdoor Education **(NEW)**
31.99   Parks, Recreation, Leisure and Fitness Studies, Other

Philosophy and Religious Studies [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:

38.00   Philosophy and Religious Studies, General **(NEW)**
38.01   Philosophy
38.02   Religion/Religious Studies
38.99   Philosophy and Religious Studies, Other

Theology 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.]

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
40.10 Material Sciences **(Moved from 14.31)**
40.99 Physical Sciences, Other

Science Technologies/Technicians [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:

41.00 Science Technologies/Technicians, General **(NEW)**
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.]

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~~
42.27 Research and Experimental Psychology **(NEW)**
42.28 Clinical, Counseling and Applied Psychology **(NEW)**
42.99 Psychology, Other

Homeland Security, Law Enforcement, Firefighting and Related Protective Services [43.]
CIP–2000: Security and 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
43.03 Homeland Security **(NEW)**
43.99 **Homeland Security, Law Enforcement, Firefighting and Related Protective Services**
(previously Security and Protective Services, Other)

Public Administration and Social Service Professions [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.]

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 National Security Studies** (previously International Relations and Affairs)
45.10   Political Science and Government
45.11   Sociology
45.12   Urban Studies/Affairs
45.13   Sociology and Anthropology **(NEW)**
45.14   Rural Sociology **(NEW)**
45.99   Social Sciences, Other

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
50.10   Arts, Entertainment, and Media Management **(NEW)**
50.99   Visual and Performing Arts, Other

Health Professions and Related Programs [51.]
CIP–2000 Health Professions and Related Clinical Services [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 Science/Research and Allied Professions** (previously
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~~ **(Report in 51.38 and 51.39)**
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 an 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
51.38   Registered Nursing, Nursing Administration, Nursing Research and Clinical Nursing **(NEW)**
51.39   Practical Nursing, Vocational Nursing and Nursing Assistants **(NEW)**
51.99   Health Professions and Related Clinical Sciences, Other

Business, Management, Marketing, and Related Support 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
52.21   Telecommunications Management **(NEW)**
52.99   Business, Management, Marketing, and Related Support Services, Other

History [54.]

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

54.01   History