CLASSIFICATION OF INSTRUCTIONAL PROGRAMS (CIP) CODES

New Codes in Red

PROGRAM SERIES 01:
AGRICULTURE, AGRICULTURE OPERATIONS, AND RELATED SCIENCES

Agriculture, General
01.0000 Agriculture, General
01.9999 Agriculture, Agriculture Operations, and Related Sciences, Other

Agricultural Business and Management
01.0101 Agricultural Business and Management, General
01.0102 Agribusiness/Agricultural Business Operations
01.0103 Agricultural Economics
01.0104 Farm/Farm and Ranch Management
01.0105 Agricultural/Farm Supplies Retailing and Wholesaling
01.0106 Agricultural Business Technology
01.0199 Agricultural Business and Management, Other

Agricultural Mechanization and Engineering
01.0201 Agricultural Mechanization, General
01.0204 Agricultural Power Machinery Operation
01.0205 Agricultural Mechanics and Equipment/Machine Technology
01.0299 Agricultural Mechanization and Engineering, Other
14.0301 Agricultural/Biological Engineering and Bioengineering
\textit{(CIP Title or Definition Changed)}
14.4501 Biological/Biosystems Engineering

Agricultural Production Operations
01.0301 Agricultural Production Operations, General
01.0302 Animal/Livestock Husbandry and Production
01.0303 Aquaculture
01.0304 Crop Production
01.0306 Dairy Husbandry and Production
01.0307 Horse Husbandry/Equine Science and Management
01.0308 Agroecology and Sustainable Agriculture
01.0309 Viticulture and Enology
01.0399 Agricultural Production Operations, Other

Updated 10/29/09
Agricultural and Food Products Processing
  01.0401 Agricultural and Food Products Processing

Agricultural and Domestic Animal Services
  01.0504 Dog/Pet/Animal Grooming
  01.0505 Animal Training
  01.0507 Equestrian/Equine Studies
  01.0508 Taxidermy/Taxidermist
  01.0599 Agricultural and Domestic Animal Services, Other

Applied Horticulture/Horticultural Business Services
  01.0601 Applied Horticulture/Horticultural Operations, General
  01.0603 Ornamental Horticulture
  01.0604 Greenhouse Operations and Management
  01.0605 Landscaping and Groundskeeping
  01.0606 Plant Nursery Operations and Management
  01.0607 Turf and Turfgrass Management
  01.0608 Floriculture/Floristry Operations and Management
  01.0699 Applied Horticulture/Horticultural Business Services, Other
  04.0601 Landscape Architecture (BS, BSLA, BLA, MSLA, MLA, PhD)

International Agriculture
  01.0701 International Agriculture

Agricultural Public Services
  01.0801 Agricultural and Extension Education Services
  01.0802 Agricultural Communication/Journalism
  01.0899 Agricultural Public Services, Other
  13.1301 Agricultural Teacher Education

Animal Sciences
  01.0901 Animal Sciences, General
  01.0902 Agricultural Animal Breeding
  01.0903 Animal Health
  01.0904 Animal Nutrition
  01.0905 Dairy Science
  01.0906 Livestock Management
  01.0907 Poultry Science
  01.0999 Animal Sciences, Other
  26.0505 Parasitology
  26.0701 Zoology/Animal Biology
  26.0702 Entomology
  26.0707 Animal Physiology
  26.0804 Animal Genetics

Updated 10/29/09
26.0910  [Animal] Pathology/Experimental Pathology
26.1001  [Animal] Pharmacology
26.1004  [Animal] Toxicology

Food Science and Technology
01.1001  Food Science
01.1002  Food Technology and Processing
01.1099  Food Science and Technology, Other

Plant Sciences
01.1101  Plant Sciences, General
01.1102  Agronomy and Crop Sciences
01.1103  Horticultural Science
01.1104  Agricultural and Horticultural Plant Breeding
01.1105  Plant Protection and Integrated Pest Management
          *(CIP Title or Definition Changed)*
01.1106  Range Science and Management
01.1199  Plant Sciences, Other
26.0301  Botany/Plant Biology
26.0305  Plant Pathology/Phytopathology
26.0307  Plant Physiology
26.0308  Plant Molecular Biology
26.0502  Microbiology
26.0506  Mycology
26.0803  Microbial and Eukaryotic Genetics
26.0805  Plant Genetics
51.2005  Natural Products Chemistry and Pharmacognosy
          *[Pharmaceuticals]*

Soil Sciences
01.1201  Soil Science and Agronomy, General
01.1202  Soil Chemistry and Physics
01.1203  Soil Microbiology
01.1299  Soil Sciences, Other

Sociology
45.1101  Sociology
45.1401  Rural Sociology

PROGRAM SERIES 03:
NATURAL RESOURCES AND CONSERVATION

Natural Resources Conservation and Research
03.0101  Natural Resources/Conservation, General
03.0103  Environmental Studies
03.0104  Environmental Science

Updated 10/29/09
03.0199  Natural Resources Conservation and Research, Other
14.0805  Water Resources Engineering
14.1401  Environmental/Environmental Health Engineering
26.1305  Environmental Biology
26.1307  Conservation Biology
40.0605  Hydrology and Water Resources Science

**Natural Resources Management and Policy**
03.0201  Natural Resources Management and Policy
03.0204  Natural Resource Economics
03.0205  Water, Wetlands, and Marine Resources Management
03.0206  Land Use Planning and Management/Development
03.0207  Natural Resource Recreation and Tourism
03.0208  Natural Resources Law Enforcement and Protective Services
03.0299  Natural Resources Management and Policy, Other

**Parks, Recreation, Leisure Studies**
31.0101  Parks, Recreation and Leisure Studies.

**Parks, Recreation and Leisure Facilities Management**
31.0301  Parks, Recreation and Leisure Facilities Management
31.0302  Golf Course Operation and Grounds Management
31.0399  Parks, Recreation and Leisure Facilities Management, Other

**Outdoor Education**
31.0601  Outdoor Education

**Fishing and Fisheries Sciences and Management**
03.0301  Fishing and Fisheries Sciences and Management
26.1302  Marine Biology and Biological Oceanography
26.1304  Aquatic Biology/Limnology

**Forestry**
03.0501  Forestry, General
03.0502  Forest Sciences and Biology
03.0506  Forest Management/Forest Resources Management
03.0508  Urban Forestry
03.0509  Wood Science and Wood Products/Pulp and Paper

**Technology**
03.0510  Forest Resources Production and Management
03.0511  Forest Technology/Technician
03.0599  Forestry, Other
14.3401  Forest Engineering

Updated 10/29/09
Wildlife and Wildlands Sciences and Management
03.0601 Wildlife, Fish and Wildlands Science and Management
    *(CIP Title or Definition Changed)*
26.0709 Wildlife Biology

Natural Resources and Conservation, Other
03.9999 Natural Resources and Conservation, Other

**PROGRAM SERIES 19:**
**FAMILY AND CONSUMER SCIENCES/HUMAN SCIENCES**

Work and Family Studies
19.0000 Work and Family Studies

Family and Consumer Sciences/Human Sciences, General
19.0101 Family and Consumer Sciences/Human Sciences, General
13.1308 Family and Consumer Sciences/Home Economics Teacher Education
19.9999 Family and Consumer Sciences/Human Sciences, Other

Family and Consumer Sciences/Human Sciences Business Services
19.0201 Business Family and Consumer Sciences/Human Sciences
19.0202 Family and Consumer Sciences/Human Sciences Communication
19.0203 Consumer Merchandising/Retailing Management
19.0299 Family and Consumer Sciences/Human Sciences Business Services, Other

Family and Consumer Economics and Related Studies
19.0401 Family Resource Management Studies, General
19.0402 Consumer Economics
19.0403 Consumer Services and Advocacy
19.0499 Family and Consumer Economics and Related Services, Other
52.0804 Financial Planning and Services

Foods, Nutrition, and Related Services
01.1001 Food Science
19.0501 Foods, Nutrition, and Wellness Studies, General
19.0504 Human Nutrition
19.0505 Foodservice Systems Administration/Management
19.0599 Foods, Nutrition, and Related Services, Other
30.1901 Nutrition Sciences [Multidisciplinary]
51.3101 Dietetics/Dietitian

Updated 10/29/09
51.3102 Clinical Nutrition/Nutritionist
51.3103 Dietetic Technician
51.3104 Dietitian Assistant

Culinary Arts and Related Services
12.0509 Culinary Science/Culinology
12.0510 Wine Steward/Sommelier

Housing and Human Environments
19.0601 Housing and Human Environments, General
19.0604 Facilities Planning and Management
19.0605 Home Furnishings and Equipment Installers
19.0699 Housing and Human Environments, Other
50.0408 Interior Design

Human Development, Family Studies, and Related Services
19.0701 Human Development and Family Studies, General
19.0702 Adult Development and Aging
19.0704 Family Systems
19.0706 Child Development
19.0707 Family and Community Services
19.0708 Child Care and Support Services Management
19.0709 Child Care Provider/Assistant
19.0710 Developmental Services Worker
19.0799 Human Development, Family Studies, and Related Services, Other
13.1209 Kindergarten/Pre-School Education and Teaching
13.1210 Early Childhood Education and Teaching
51.1504 Community Health Service/Liaison/Counseling
51.1505 Marriage and Family Therapy/Counseling

Apparel and Textiles
19.0901 Apparel and Textiles, General
19.0902 Apparel and Textile Manufacture
19.0904 Textile Science
19.0905 Apparel and Textile Marketing Management
19.0906 Fashion and Fabric Consultant
19.0999 Apparel and Textiles, Other
14.2801 Textile Sciences and Engineering
50.0407 Fashion/Apparel Design
52.1902 Fashion Merchandising

Business Administration, Management and Operations
52.0212 Retail Management

Updated 10/29/09
Hospitality Administration/Management
52.0901 Hospitality Administration/Management, General
52.0903 Tourism and Travel Services Management
52.0904 Hotel/Motel Administration/Management
52.0905 Restaurant/Food Services Management
52.0909 Hotel, Motel, and Restaurant Management

Specialized Sales, Merchandising and Marketing Operations
52.1902 Fashion Merchandising
52.1905 Tourism and Travel Services Marketing Operations

PROGRAM SERIES 51:
VETERINARY MEDICINE

Veterinary Medicine
51.0808 Veterinary/Animal Health Technology and Veterinary Assistant
51.1104 Pre-Veterinary Studies
51.2313 Animal-Assisted Therapy
51.2401 Veterinary Medicine (DVM)

Veterinary Biomedical and Clinical Sciences (Cert, MS, PhD)
51.2501 Veterinary Sciences/Veterinary Clinical Sciences, General
51.2502 Veterinary Anatomy
51.2503 Veterinary Physiology
51.2504 Veterinary Microbiology and Immunobiology
51.2505 Veterinary Pathology and Pathobiology
51.2506 Veterinary Toxicology and Pharmacology
51.2507 Large Animal/Food Animal and Equine Surgery and Medicine
51.2508 Small/Companion Animal Surgery and Medicine
51.2509 Comparative and Laboratory Animal Medicine
51.2510 Veterinary Preventive Medicine Epidemiology and Public Health

Health
51.2511 Veterinary Infectious Diseases
51.2599 Veterinary Biomedical and Clinical Sciences, Other

Residency Programs
60.0318 Poultry Veterinarian Residency Program
60.0319 Veterinary Behaviorist Residency Program
60.0320 Veterinary Clinical Pharmacology Residency Program

RELATED BIOLOGICAL, PHYSICAL, AND SOCIAL SCIENCES

Architecture

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<td>City/Urban, Community and Regional Planning</td>
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<td>Biology/Biological Sciences, General</td>
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26.0202  Biochemistry
26.0203  Biophysics
26.0204  Molecular Biology
26.0205  Molecular Biochemistry
26.0206  Molecular Biophysics
26.0207  Structural Biology
26.0208  Photobiology
26.0209  Radiation Biology/Radiobiology
26.0210  Biochemistry/Biophysics and Molecular Biology [Integrated]
          *(CIP Title or Definition Changed)*
26.0299  Biochemistry, Biophysics and Molecular Biology, Other

**Cell/Cellular Biology**
26.0401  Cell/Cellular Biology and Histology
26.0404  Developmental Biology and Embryology
26.0406  Cell/Cellular and Molecular Biology

**Microbiological Sciences and Immunology**
26.0502  Microbiology
26.0506  Mycology

**Genetics**
26.0801  Genetics, General
26.0802  Molecular Genetics
          *(CIP Title or Definition Changed)*
26.0899  Genetics, Other

**Physiology, Pathology and Related Sciences**
26.0905  Reproductive Biology

**Pharmacology and Toxicology**
26.1005  Molecular Toxicology
26.1006  Environmental Toxicology

**Biomathematics and Bioinformatics**
26.1101  Biometry/Biometrics
26.1102  Biostatistics
26.1103  Bioinformatics
26.1199  Biomathematics, Bioinformatics, and Computational Biology, Other. *(CIP Title or Definition Changed)*

**Biotechnology**
26.1201  Biotechnology

**Ecology, Evolution, Systematics and Population Biology**
26.1301  Ecology

*Updated 10/29/09*
26.1306 Population Biology
26.1310 Ecology and Evolutionary Biology
26.1399 Ecology, Evolution, Systematics and Population Biology, Other

Biological and Biomedical Sciences, Other
26.9999 Biological and Biomedical Sciences, Other

Multi/Interdisciplinary Studies
30.0000 Multi-/Interdisciplinary Studies, General
30.3301 Sustainability Studies
30.9999 Multi-/Interdisciplinary Studies

Health and Physical Education/Fitness
31.0504 Sport and Fitness Administration/Management
31.0505 Kinesiology and Exercise Science

Atmospheric Sciences and Meteorology
40.0401 Atmospheric Sciences and Meteorology, General
40.0499 Atmospheric Sciences and Meteorology, Other

Chemistry
40.0504 Organic Chemistry
(CIP Title or Definition Changed)
40.0599 Chemistry, Other

Geological and Earth Sciences/Geosciences
40.0601 Geology/Earth Science, General
40.0699 Geological and Earth Sciences/Geosciences, Other

Social Work
44.0701 Social Work

Economics
45.0601 Economics, General
45.0602 Applied Economics
45.0604 Development Economics and International Development

Geography and Cartography
45.0701 Geography

Urban Studies/Affairs
45.1201 Urban Studies/Affairs

Electrical and Power Transmission Installers
46.0302 Electrician

Updated 10/29/09
Health Professions and Related Programs
51.0201  Communication Sciences and Disorders, General
51.0899  Allied Health and Medical Assisting Services, Other
51.0913  Athletic Training/Trainer.
51.0914  Gene/Genetic Therapy
51.0999  Allied Health Diagnostic, Intervention, and Treatment Professions, Other
51.1002  Cytotechnology/Cytotechnologist
51.1005  Clinical Laboratory Science/Medical Technology/Technologist
51.2201  Public Health, General

Business, Management, Marketing, and Related Services
52.0209  Transportation/Mobility Management
52.2001  Construction Management

NON-AGRICULTURE, NATURAL RESOURCES, HUMAN SCIENCE, FORESTRY, OR VETERINARY MEDICINE PROGRAMS
99.9999  Non-Major/Minor Programs Administered by Colleges of Agriculture and Natural Resources, Colleges of Human Sciences, Forestry Schools, and Colleges of Veterinary Medicine
00.0000  Administration (Used in the BoHS Survey)
00.9999  Total Combined / Unclassified / Multidiscipline (Used in the BoHS Survey)