# 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
  *(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

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>52.0901</td>
<td>Hospitality Administration/Management, General</td>
</tr>
<tr>
<td>52.0903</td>
<td>Tourism and Travel Services Management</td>
</tr>
<tr>
<td>52.0904</td>
<td>Hotel/Motel Administration/Management</td>
</tr>
<tr>
<td>52.0905</td>
<td>Restaurant/Food Services Management</td>
</tr>
<tr>
<td>52.0909</td>
<td>Hotel, Motel, and Restaurant Management</td>
</tr>
</tbody>
</table>

### Program Series 51:

**Veterinary Medicine**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>51.0808</td>
<td>Veterinary/Animal Health Technology and Veterinary Assistant</td>
</tr>
<tr>
<td>51.1104</td>
<td>Pre-Veterinary Studies</td>
</tr>
<tr>
<td>51.2313</td>
<td>Animal-Assisted Therapy</td>
</tr>
<tr>
<td>51.2401</td>
<td>Veterinary Medicine (DVM)</td>
</tr>
</tbody>
</table>

**Veterinary Biomedical and Clinical Sciences (Cert, MS, PhD)**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>51.2501</td>
<td>Veterinary Sciences/Veterinary Clinical Sciences, General</td>
</tr>
<tr>
<td>51.2502</td>
<td>Veterinary Anatomy</td>
</tr>
<tr>
<td>51.2503</td>
<td>Veterinary Physiology</td>
</tr>
<tr>
<td>51.2504</td>
<td>Veterinary Microbiology and Immunobiology</td>
</tr>
<tr>
<td>51.2505</td>
<td>Veterinary Pathology and Pathobiology</td>
</tr>
<tr>
<td>51.2506</td>
<td>Veterinary Toxicology and Pharmacology</td>
</tr>
<tr>
<td>51.2507</td>
<td>Large Animal/Food Animal and Equine Surgery and Medicine</td>
</tr>
<tr>
<td>51.2508</td>
<td>Small/Companion Animal Surgery and Medicine</td>
</tr>
<tr>
<td>51.2509</td>
<td>Comparative and Laboratory Animal Medicine</td>
</tr>
<tr>
<td>51.2510</td>
<td>Veterinary Preventive Medicine Epidemiology and Public Health</td>
</tr>
<tr>
<td>51.2511</td>
<td>Veterinary Infectious Diseases</td>
</tr>
<tr>
<td>51.2599</td>
<td>Veterinary Biomedical and Clinical Sciences, Other</td>
</tr>
</tbody>
</table>

**Residency Programs**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>60.0318</td>
<td>Poultry Veterinarian Residency Program</td>
</tr>
<tr>
<td>60.0319</td>
<td>Veterinary Behaviorist Residency Program</td>
</tr>
<tr>
<td>60.0320</td>
<td>Veterinary Clinical Pharmacology Residency Program</td>
</tr>
</tbody>
</table>

### Related Biological, Physical, and Social Sciences

**Architecture**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>04.0301</td>
<td>City/Urban, Community and Regional Planning</td>
</tr>
<tr>
<td>04.0401</td>
<td>Environmental Design/Architecture</td>
</tr>
<tr>
<td>04.0501</td>
<td>Interior Architecture</td>
</tr>
</tbody>
</table>

**Ethnic Studies**

Updated 10/29/09
05.0202 American Indian/Native American Studies

Computer and Information Sciences and Support Services
11.0401 Information Science/Studies
11.0901 Computer Systems Networking and Telecommunications

Education
13.0301 Curriculum and Instruction.
13.0401 Educational Leadership and Administration, General
13.0406 Higher Education/Higher Education Administration
13.0901 Social and Philosophical Foundations of Education
13.1001 Special Education and Teaching, General
13.1101 Counselor Education/School Counseling and Guidance Services
13.1202 Elementary Education and Teaching
13.1311 Mathematics Teacher Education
13.1314 Physical Education Teaching and Coaching
13.1315 Reading Teacher Education
13.1316 Science Teacher Education/General Science Teacher Education
13.9999 Education, Other

Ocean Engineering
14.2401 Ocean Engineering

Engineering Technologies and Engineering-Related Fields
15.0612 Industrial Technology/Technician
15.0702 Quality Control Technology/Technician

Legal Professions and Studies
22.0001 Pre-Law Studies

Liberal Arts and Sciences, General Studies and Humanities
24.0199 Liberal Arts and Sciences, General Studies and Humanities, Other

Biology, General
26.0101 Biology/Biological Sciences, General
26.0102 Biomedical Sciences, General

Biochemistry, Biophysics and Molecular Biology
26.0202 Biochemistry
26.0203 Biophysics
26.0204 Molecular Biology
26.0205 Molecular Biochemistry
26.0206 Molecular Biophysics

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

Updated 10/29/09
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

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.

Updated 10/29/09
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)