**NSF STEM Classification of Instructional Programs (2016-2017 WebAMP) - Expanded**

**Agricultural Sciences**

01.09 Animal Sciences

01.10 Food Science and Technology

01.11 Plant Sciences

01.12 Soil Sciences

01.1201 Soil science and agronomy, general

01.1202 Soil chemistry and physics

01.1203 Soil microbiology

01.1299 Soil sciences, other

01.99 Agriculture, Agriculture Operations and Related Sciences, Other

**Natural Resources and Conservation**

03.01 Natural Resources Conservation and Research

03.0101 Natural Resources/Conservation, General

03.0103 Environmental studies

03.0104 Environmental science

03.0199 Natural resources conservation and research, other

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**

04.02 Architecture

04.04 Environmental Design

04.09 Architectural Sciences and Technology

**Computer and Information Sciences**

11.01 Computer and Information Sciences, General

11.02 Computer Programming

11.04 Information Science/Studies

11.07 Computer Science

11.08 Computer Software and Media Applications

11.0801 Web page, digital/multimedia and information resources design

11.0802 Data modelling/warehousing and database administration

11.0803 Computer graphics

11.0804 Modeling, virtual environments and simulation

11.0899 Computer software and media applications, other

**Engineering**

14.01 Engineering, General

14.02 Aerospace, Aeronautical and Astronautical Engineering

14.03 Agricultural Engineering

14.04 Architectural Engineering

14.06 Ceramic Sciences and Engineering

14.07 Chemical Engineering

14.08 Civil Engineering

14.09 Computer Engineering

14.10 Electrical, Electronics and Communications Engineering

14.11 Engineering Mechanics

14.12 Engineering Physics

**Engineering (cont.)**

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 and Marine Engineering

14.23 Nuclear Engineering

14.24 Ocean Engineering

14.25 Petroleum Engineering

14.27 Systems Engineering

14.28 Textile Sciences and Engineering

14.32 Polymer/Plastics Engineering

14.33 Construction 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

14.41 Electromechanical Engineering

14.42 Mechatronics, Robotics, and Automation Engineering.

14.43 Biochemical Engineering

14.44 Engineering Chemistry

14.45 Biological/Biosystems Engineering

14.99 Engineering, Other

**Engineering Technologies**

15.00 Engineering Technology, General

15.10 Construction Engineering Technologies

15.11 Engineering-Related Technologies

15.15 Engineering-Related Fields

15.16 Nanotechnology

**Biological Sciences**

26.01 Biology, General

26.0101 Biology/biological sciences, general

26.0102 Biomedical sciences, general

26.02 Biochemistry, Biophysics and Molecular Biology

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 and molecular biology

26.0299 Biochemistry/biophysics and molecular biology, other

26.03 Botany/Plant Biology

26.0301 Botany/plant biology, general

26.0305 Plant pathology/phytopathology

26.0307 Plant physiology

26.0308 Plant molecular biology

**Biological Sciences (cont.)**

26.0399 Botany/plant biology, other

26.04 Cell/Cellular Biology and Anatomical Sciences

26.0401 Cell/cellular biology and histology

26.0403 Anatomy

26.0404 Developmental biology and embryology

26.0406 Cell/cellular and molecular biology

26.0407 Cell biology and anatomy

26.0499 Cell/cellular biology and anatomical sciences, other

26.05 Microbiological Sciences and Immunology

26.0502 Microbiology, general

26.0503 Medical microbiology and bacteriology

26.0504 Virology

26.0505 Parasitology

26.0506 Mycology

26.0507 Immunology

26.0508 Microbiology and immunology

26.0599 Microbiological sciences and immunology, other

26.07 Zoology/Animal Biology

26.0701 Zoology/animal biology, general

26.0702 Entomology

26.0707 Animal physiology

26.0708 Animal behavior and ethology

26.0709 Wildlife biology

26.0799 Zoology/animal biology, other

26.08 Genetics

26.0801 Genetics, general

26.0802 Molecular genetics

26.0803 Microbial and eukaryotic genetics

26.0804 Animal genetics

26.0805 Plant genetics

26.0806 Human/medical genetics

26.0807 Genome sciences/genomics

26.0899 Genetics, other

26.09 Physiology, Pathology and Related Sciences

26.0901 Physiology, general

26.0902 Molecular physiology

26.0903 Cell physiology

26.0904 Endocrinology

26.0905 Reproductive biology

26.0907 Cardiovascular science

26.0908 Exercise physiology

26.0909 Vision science/physiological optics

26.0910 Pathology/experimental pathology

26.0911 Oncology and cancer biology

26.0912 Aerospace physiology and medicine

26.0999 Physiology, pathology and related sciences, other

26.11 Biomathematics, Bioinformatics, and Computational Biology

26.1101 Biometry/biometrics

26.1102 Biostatistics

26.1103 Bioinformatics

26.1104 Computational biology

26.1199 Biomathematics, bioinformatics, and computational biology, other

26.12 Biotechnology

26.13 Ecology, Evolution, Systematics, and Population Biology

26.1301 Ecology

**Biological Sciences (cont.)**

26.1302 Marine biology and biological oceanography

26.1303 Evolutionary biology

26.1304 Aquatic biology/limnology

26.1305 Environmental biology

26.1306 Population biology

26.1307 Conservation biology

26.1308 Systematic biology/biological systematics

26.1309 Epidemiology

26.1310 Ecology and evolutionary biology

26.1399 Ecology, evolution, systematics and population biology, other

26.15 Neurobiology and Neurosciences

26.1501 Neuroscience

26.1502 Neuroanatomy

26.1503 Neurobiology and anatomy

26.1504 Neurobiology and behavior

26.1599 Neurobiology and neurosciences, other

26.99 Biological and Biomedical Sciences, Other

**Mathematics**

27.01 Mathematics

27.03 Applied Mathematics

27.0301 Applied mathematics, general

27.0303 Computational mathematics

27.0304 Computational and applied mathematics

27.0305 Financial mathematics

27.0306 Mathematical biology

27.0399 Applied mathematics, other

27.05 Statistics

27.99 Mathematics and Statistics, Other

**Interdisciplinary Studies**

30.01 Biological and Physical Sciences

30.06 Systems Science and Theory

30.08 Mathematics and Computer Science

30.10 Biopsychology

30.18 Natural Sciences

30.19 Nutrition Sciences

30.27 Human Biology

30.30 Computational Science

30.32 Marine Sciences

**Physical Sciences**

40.01 Physical Sciences

40.02 Astronomy and Astrophysics

40.04 Atmospheric Sciences and Meteorology

40.0401 Atmospheric sciences and meteorology, general

40.0402 Atmospheric chemistry and climatology

40.0403 Atmospheric physics and dynamics

40.0404 Meteorology

40.0499 Atmospheric sciences and meteorology, other

40.05 Chemistry

40.0501 Chemistry, general

40.0502 Analytical chemistry

40.0503 Inorganic chemistry

**Physical Sciences (cont.)**

40.0504 Organic chemistry

40.0506 Physical chemistry

40.0507 Polymer chemistry

40.0508 Chemical physics

40.0509 Environmental chemistry

40.0510 Forensic chemistry

40.0511 Theoretical chemistry

40.0599 Chemistry, other

40.06 Geological and Earth Sciences/Geosciences

40.0601 Geology/Earth science, general

40.0602 Geochemistry

40.0603 Geophysics and seismology

40.0604 Paleontology

40.0605 Hydrology and water resources science

40.0606 Geochemistry and petrology

40.0607 Oceanography, chemical and physical

40.0699 Geological and Earth sciences/geosciences, other

40.08 Physics

40.0801 Physics, general

40.0802 Atomic/molecular physics

40.0804 Elementary particle physics

40.0805 Plasma and high-temperature physics

40.0806 Nuclear physics

40.0807 Optics/optical sciences

40.0808 Condensed matter and materials physics

40.0809 Acoustics

40.0810 Theoretical and mathematical physics

40.0899 Physics, other

40.10 Materials Science

40.99 Physical Sciences, Other

**Business and Management**

52.13 Management Sciences and Quantitative Methods, Other

52.1301 Management science

52.1302 Business statistics

52.1304 Actuarial science

52.1399 Management sciences and quantitative methods, other