

Supplemental Material

CBE—Life Sciences Education

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Appendix 1

NSF STEM Classification of Instructional Programs Crosswalk

Listed below is the NSF CIP Code Crosswalk for STEM disciplines.

Agricultural Sciences

- 01.09 Animal Sciences
- 01.10 Food Science and Technology
- 01.12 Soil Sciences
- 01.99 Agriculture, Agriculture Operations and Related Sciences, Other
- 03.0101 Natural Resources/Conservation, General
- 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

Chemistry

- 40.05 Chemistry
- 40.0507 Polymer Chemistry
- 40.0509 Environmental Chemistry
- 40.051 Forensic Chemistry
- 40.0511 Theoretical Chemistry
- 40.1002 Materials Chemistry
- 40.1099 Materials Sciences, Other

Computer Science

- 11.01 Computer and Information Sciences, General
- 11.0104 Informatics (STEM Only)
- 11.04 Information Science/Studies
- 11.07 Computer Science
- 52.1201 Management Information Systems, General

52.1301 Management Science

Engineering

- 14.02 Aerospace, Aeronautical and Astronautical Engineering
- 14.03 Agricultural Engineering
- 14.05 Biomedical/Medical Engineering
- 03.0509 Wood Science and Wood Products/Pulp and Paper Technology
- 14.07 Chemical Engineering
- 14.0702 Chemical and Biomolecular Engineering
- 14.0799 Chemical Engineering, Other
- 14.1003 Laser and Optical Engineering
- 14.1004 Telecommunications Engineering
- 14.1099 Electrical, Electronics and Communications Engineering, Other
- 14.32 Polymer/Plastics Engineering
- 14.4 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
- 15.0306 Integrated Circuit Design
- 15.1502 Engineering Design
- 15.16 Nanotechnology
- 04.02 Architecture
- 14.04 Architectural Engineering
- 14.08 Civil Engineering
- 14.0803 Structural Engineering
- 14.0805 Water Resources Engineering
- 14.14 Environmental/Environmental Health Engineering
- 14.09 Computer Engineering, General
- 14.10 Electrical, Electronics and Communications Engineering
- 14.12 Engineering Physics
- 14.13 Engineering Science
- 14.27 Systems Engineering
- 30.06 Systems Science and Theory
- 14.11 Engineering Mechanics
- 14.19 Mechanical Engineering

14.06 Ceramic Sciences and Engineering
40.18 Materials Engineering
14.20 Metallurgical Engineering
14.28 Textile Sciences and Engineering
40.10 Materials Science
14.21 Mining and Mineral Engineering
14.23 Nuclear Engineering
14.25 Petroleum Engineering
14.01 Engineering, General
14.22 Naval Architecture and Marine
Engineering
14.24 Ocean Engineering
14.99 Engineering, Other

Environmental Science

03.0103 Environmental Studies
03.0104 Environmental Science

Geosciences

40.06 Geological and Earth
Sciences/Geosciences
40.0601 Geology/Earth Science, General

Life/Biological Sciences

26.0403 Anatomy
26.0202 Biochemistry
26.01 Biology, General
26.1101 Biometry/ Biometrics
26.1102 Biostatistics
26.1309 Epidemiology
26.0203 Biophysics
26.03 Botany/Plant Biology
26.0305 Plant Pathology/Phytopathology
26.0307 Plant Physiology
26.04 Cell/Cellular Biology and
Anatomical Sciences
26.0401 Cell/Cellular Biology and
Histology
26.0204 Molecular Biology
26.1301 Ecology
26.0505 Parasitology
26.0702 Entomology
26.0801 Genetics, General

26.0804 Animal Genetics
26.0805 Plant Genetics
26.1303 Evolutionary Biology
26.0806 Human/Medical Genetics
26.0508 Microbiology and Immunology
26.0807 Genome Sciences/Genomics
26.05 Microbiological Sciences and
Immunology
26.0507 Immunology
26.0504 Virology
26.0503 Medical Microbiology and
Bacteriology
26.1501 Neuroscience
19.05 Foods, Nutrition, and Related
Services
30.1901 Nutritional Sciences
26.0910 Pathology/Experimental Pathology
26.1001 Pharmacology
26.1004 Toxicology
26.1104 Computational Biology
26.131 Ecology and Evolutionary Biology
26.0707 Animal Physiology
26.0901 Physiology, General
26.09 Physiology, Pathology and Related
Sciences
26.07 Zoology/Animal Biology
26.1201 Biotechnology
26.1302 Marine Biology and Biological
Oceanography
26.99 Biological and Biomedical
Sciences, Other
30.01 Biological and Physical Sciences
30.10 Biopsychology
30.27 Human Biology
30.3 Computational Science
30.32 Marine Sciences

Mathematics

27.01 Mathematics
27.03 Applied Mathematics
27.0304 Computational and Applied
Mathematics
27.0306 Mathematical Biology
27.0503 Mathematics and Statistics

14.3701 Operations Research
27.99 Mathematics and Statistics, Other
30.08 Mathematics and Computer
Science
27.05 Statistics
52.1304 Actuarial Science

Physics/Astronomy

40.02 Astronomy and Astrophysics
40.0809 Acoustics
40.08 Physics
40.0607 Oceanography, Chemical and
Physical
40.0807 Optics/Optical Sciences
40.9999 Physical Sciences, Other