

**TABLE A-1**  
**Fields of study used in the 2023 NSCG data tables**

(Crosswalk)

| Broad field |                         | Major field |   | Minor field |  | Detailed field |   |
|-------------|-------------------------|-------------|---|-------------|--|----------------|---|
| Code        | Label                   | Code        | Label   | Code        | Label                                  | Code           | Label   |
| 1           | S&E fields              | 1           | Computer and mathematical sciences                        | 11          | Computer and information sciences      | 116710         | Computer and information sciences   |
|             |                         |             |   |             |  | 116730         | Computer science  |
|             |                         |             |   |             |  | 116740         | Computer systems analysis   |
|             |                         |             |   |             |  | 116760         | Information science, studies  |
|             |                         |             |   |             |  | 116770         | Other computer and information sciences   |
|             |                         |             |   | 12          | Mathematics and statistics             | 128410         | Applied mathematics   |
|             |                         |             |   |             |  | 128420         | Mathematics, general  |
|             |                         |             |   |             |  | 128430         | Operations research   |
|             |                         |             |   |             |  | 128440         | Statistics  |
|             |                         |             |   |             |  | 128450         | Other mathematics   |
|             |                         | 2           | Biological, agricultural, and environmental life sciences | 21          | Agricultural and food sciences         | 216050         | Animal sciences   |
|             |                         |             |   |             |  | 216060         | Food sciences and technology  |
|             |                         |             |   |             |  | 216070         | Plant sciences  |
|             |                         |             |   |             |  | 216080         | Agricultural, animal, plant, veterinary science and related fields, other             |
|             |                         |             |   | 22          | Biological sciences                    | 226310         | Biochemistry and biophysics   |
|             |                         |             |   |             |  | 226320         | Biology, general  |
|             |                         |             |   |             |  | 226330         | Botany and plant biology  |
|             |                         |             |   |             |  | 226340         | Cell and molecular biology  |
|             |                         |             |   |             |  | 226350         | Ecology   |
|             |                         |             |   |             |  | 226360         | Genetics, animal and plant  |
|             |                         |             |   |             |  | 226370         | Microbiological sciences and immunology   |
|             |                         |             |   |             |  | 226380         | Nutritional sciences  |
|             |                         |             |   |             |  | 226390         | Pharmacology, human and animal  |
|             |                         |             |   |             |  | 226400         | Physiology, pathology, and related sciences (human and animal)                        |
|             |                         | 226410      | Zoology, animal biology                                   |             |  |                |   |
|             |                         | 226420      | Other biological sciences                                 |             |  |                |   |
|             |                         | 23          | Environmental life sciences                               | 236800      | Environmental science or studies       |                |   |
|             |                         |             |   | 236810      | Forestry sciences                      |                |   |
|             |                         | 3           | Physical and related sciences                             | 31          | Chemistry, except biochemistry         | 318730         | Chemistry, except biochemistry  |
|             |                         |             |   |             |  | 328720         | Atmospheric sciences and meteorology  |
|             |                         |             |   | 32          | Earth, atmospheric, and ocean sciences | 328740         | Geological and earth sciences, geosciences  |
|             |                         |             |   |             |  | 328760         | Geological and earth sciences, other including ocean and marine sciences <sup>a</sup> |
|             |                         |             |   |             |  | 338710         | Astronomy and astrophysics  |
|             |                         |             |   | 33          | Physics and astronomy                  | 338780         | Physics, except biophysics  |
| 348790      | Other physical sciences |             |   |             |  |                |   |
| 34          | Other physical sciences |             |   | 348790      | Other physical sciences                |                |   |

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(Crosswalk)

| Broad field |       | Major field |                             | Minor field |  | Detailed field |   |
|-------------|-------|-------------|-----------------------------|-------------|--|----------------|---|
| Code        | Label | Code        | Label                       | Code        | Label  | Code           | Label   |
|             |       | 4           | Social and related sciences | 41          | Economics  | 416010         | Agricultural economics  |
|             |       |             |                             |             |  | 419230         | Economics   |
|             |       |             |                             | 42          | Political and related sciences                         | 429020         | Public policy analysis  |
|             |       |             |                             |             |  | 429270         | International relations and national security studies         |
|             |       |             |                             |             |  | 429280         | Political science and government                              |
|             |       |             |                             | 43          | Psychology   | 437040         | Educational psychology  |
|             |       |             |                             |             |  | 438910         | Clinical psychology   |
|             |       |             |                             |             |  | 438920         | Counseling psychology   |
|             |       |             |                             |             |  | 438930         | Experimental psychology                                       |
|             |       |             |                             |             |  | 438940         | General psychology  |
|             |       |             |                             |             |  | 438950         | Industrial/ organizational psychology                         |
|             |       |             |                             |             |  | 438960         | Social psychology   |
|             |       |             |                             |             |  | 438970         | Other psychology  |
|             |       |             |                             | 44          | Sociology and anthropology                             | 449210         | Anthropology and archaeology                                  |
|             |       |             |                             |             |  | 449220         | Criminology   |
|             |       |             |                             |             |  | 449290         | Sociology   |
|             |       |             |                             | 45          | Other social sciences                                  | 456200         | Area and ethnic studies                                       |
|             |       |             |                             |             |  | 457710         | Linguistics   |
|             |       |             |                             |             |  | 458610         | History and philosophy of science and technology              |
|             |       |             |                             |             |  | 459240         | Geography   |
|             |       |             |                             |             |  | 459300         | Other social sciences   |
|             |       | 5           | Engineering                 | 51          | Aerospace, aeronautical, and astronautical engineering | 517210         | Aerospace, aeronautical, and astronautical/ space engineering |
|             |       |             |                             | 52          | Chemical engineering                                   | 527250         | Chemical engineering  |
|             |       |             |                             | 53          | Civil and architectural engineering                    | 537230         | Architectural engineering                                     |
|             |       |             |                             |             |  | 537260         | Civil engineering   |
|             |       |             |                             | 54          | Electrical and computer engineering                    | 547270         | Computer engineering and systems engineering                  |
|             |       |             |                             |             |  | 547280         | Electrical, electronics, and communications engineering       |
|             |       |             |                             | 55          | Industrial engineering                                 | 557330         | Industrial and manufacturing engineering                      |
|             |       |             |                             | 56          | Mechanical engineering                                 | 567350         | Mechanical engineering  |
|             |       |             |                             | 57          | Other engineering                                      | 577220         | Agricultural engineering                                      |
|             |       |             |                             |             |  | 577240         | Bioengineering and biomedical engineering                     |
|             |       |             |                             |             |  | 577290         | Engineering sciences, mechanics and physics                   |
|             |       |             |                             |             |  | 577300         | Environmental, environmental health engineering               |
|             |       |             |                             |             |  | 577310         | Engineering, general  |
|             |       |             |                             |             |  | 577340         | Materials engineering, including ceramics and textiles        |

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| Code        | Label              | Code        | Label              | Code        | Label  | Code           | Label  |
|             |                    |             |                    |             |  | 577360         | Metallurgical engineering  |
|             |                    |             |                    |             |  | 577380         | Naval architecture and marine engineering  |
|             |                    |             |                    |             |  | 577390         | Nuclear engineering  |
|             |                    |             |                    |             |  | 577400         | Petroleum engineering  |
|             |                    |             |                    |             |  | 577410         | Other engineering, including geophysical, geological, mining and mineral <sup>b</sup>                                    |
| 2           | S&E-related fields | 6           | S&E-related fields | 61          | Health                                       | 617810         | Audiology and speech pathology   |
|             |                    |             |                    |             |  | 617820         | Health services administration   |
|             |                    |             |                    |             |  | 617830         | Health/ medical assistants   |
|             |                    |             |                    |             |  | 617840         | Health/ medical technologies   |
|             |                    |             |                    |             |  | 617850         | Medical preparatory programs (e.g., pre-dentistry, pre-medical, pre-veterinary)  |
|             |                    |             |                    |             |  | 617860         | Medicine (dentistry, optometry, osteopathic, podiatry, veterinary)   |
|             |                    |             |                    |             |  | 617870         | Registered nursing, nursing administration, nursing research and clinical nursing  |
|             |                    |             |                    |             |  | 617880         | Pharmacy   |
|             |                    |             |                    |             |  | 617890         | Physical therapy and other rehabilitation/ therapeutic services  |
|             |                    |             |                    |             |  | 617900         | Public health (including environmental health and epidemiology)  |
|             |                    |             |                    |             |  | 617910         | Other health/ medical sciences   |
|             |                    |             |                    | 62          | Science and mathematics teacher education    | 627020         | Computer teacher education   |
|             |                    |             |                    |             |  | 627060         | Mathematics teacher education  |
|             |                    |             |                    |             |  | 627090         | Science teacher education, general science teacher education (includes biology, chemistry, earth science, physics, etc.) |
|             |                    |             |                    |             |  | 627120         | Social science teacher education , including psychology teacher education  |
|             |                    |             |                    | 63          | Technology and technical fields              | 636720         | Computer programming   |
|             |                    |             |                    |             |  | 636750         | Data processing  |
|             |                    |             |                    |             |  | 637510         | Electrical and electronic technologies   |
|             |                    |             |                    |             |  | 637520         | Industrial production technologies   |
|             |                    |             |                    |             |  | 637530         | Mechanical engineering-related technologies  |
|             |                    |             |                    |             |  | 637540         | Other engineering-related technologies   |
|             |                    |             |                    | 64          | Other science and engineering-related fields | 646100         | Architecture/ environmental design   |
|             |                    |             |                    |             |  | 646520         | Actuarial science  |
| 3           | Non-S&E fields     | 7           | Non-S&E fields     | 71          | Management and administration fields         | 716020         | Agribusiness, agricultural business operations   |
|             |                    |             |                    |             |  | 716510         | Accounting   |
|             |                    |             |                    |             |  | 716530         | Business administration and management   |
|             |                    |             |                    |             |  | 716540         | Business, commerce, general  |
|             |                    |             |                    |             |  | 716550         | Business and managerial economics  |
|             |                    |             |                    |             |  | 716570         | Financial management   |
|             |                    |             |                    |             |  | 716590         | Other business management/ administrative services   |

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|-------------|-------|-------------|-------|-------------|--|----------------|--|
| Code        | Label | Code        | Label | Code        | Label  | Code           | Label  |
|             |       |             |       | 72          | Education, except science and math teacher education | 727010         | Education administration and supervision                     |
|             |       |             |       |             |  | 727030         | Counselor education/ school counseling and guidance services |
|             |       |             |       |             |  | 727050         | Elementary education and teaching                            |
|             |       |             |       |             |  | 727070         | Physical education teaching and coaching                     |
|             |       |             |       |             |  | 727080         | Pre-school/ kindergarten/ early childhood teacher education  |
|             |       |             |       |             |  | 727100         | Secondary teacher education                                  |
|             |       |             |       |             |  | 727110         | Special education and teaching                               |
|             |       |             |       |             |  | 727130         | Other education  |
|             |       |             |       | 73          | Social service and related fields                    | 738620         | Philosophy, religion, theology                               |
|             |       |             |       |             |  | 739100         | Social work  |
|             |       |             |       | 74          | Sales and marketing fields                           | 746560         | Business marketing/ marketing management                     |
|             |       |             |       |             |  | 746580         | Marketing research   |
|             |       |             |       | 75          | Art and humanities fields                            | 757600         | English language, literature and letters                     |
|             |       |             |       |             |  | 757720         | Other foreign languages and literature                       |
|             |       |             |       |             |  | 758200         | Liberal arts and sciences                                    |
|             |       |             |       |             |  | 759260         | History  |
|             |       |             |       |             |  | 759410         | Drama, theatre arts, and stagecraft                          |
|             |       |             |       |             |  | 759420         | Fine and studio arts (all fields)                            |
|             |       |             |       |             |  | 759430         | Music, all fields  |
|             |       |             |       |             |  | 759440         | Other visual and performing arts                             |
|             |       |             |       | 76          | Other non-S&E fields                                 | 766610         | Communications, general                                      |
|             |       |             |       |             |  | 766620         | Journalism   |
|             |       |             |       |             |  | 766630         | Other communications   |
|             |       |             |       |             |  | 766820         | Other conservation and natural resources                     |
|             |       |             |       |             |  | 766900         | Criminal justice/ protective services                        |
|             |       |             |       |             |  | 768000         | Family, consumer sciences and human sciences                 |
|             |       |             |       |             |  | 768100         | Legal professions and studies                                |
|             |       |             |       |             |  | 768300         | Library science  |
|             |       |             |       |             |  | 768500         | Parks, recreation, leisure, fitness, and kinesiology         |
|             |       |             |       |             |  | 769010         | Public administration  |
|             |       |             |       |             |  | 769030         | Public affairs   |
|             |       |             |       |             |  | 769950         | Other fields (not listed)                                    |

S&E = science and engineering; NSCG = National Survey of College Graduates.

<sup>a</sup> In 2023, "Ocean sciences and marine sciences" was merged with "Geological and earth sciences, other" to form "Geological and earth sciences, other including ocean and marine sciences" (328760).

<sup>b</sup> In 2023, "Geophysical and geological engineering" and "Mining and minerals engineering" were merged with "Other engineering" to form "Other engineering, including geophysical, geological, mining and mineral" (577410).

**Source(s):**

National Center for Science and Engineering Statistics, National Survey of College Graduates, 2023.