**Appendix H.1: Research Disciplines**

**RESPONDENT FIRST SELECTS A GENERAL AREA:**

* **Natural Sciences/Mathematics** (Biological/Life; Chemical; Computer/Information sciences; Environmental sciences; Earth, Atmospheric & Oceanographic sciences; Geosciences, Mathematical/Statistical sciences; Physics; Psychology)
* **Social Sciences** (Economics, Sociology, Anthropology/Archaeology, Political Science, Geography, Linguistics, other)
* **Engineering** (Biochemical engineering, Chemical engineering, Civil engineering, etc.)

**After selecting one of the general areas, respondent selects one of the FIELDS from the LEFT column (subfields are shown to assist respondents in making a selection)**

**NATURAL SCIENCES**

|  |  |  |
| --- | --- | --- |
| **Field** | **Subfield** |  |
| **Agricultural/food sciences** | * Animal sciences | * Plant sciences |
|  | * Food sciences/technology | * OTHER agricultural sciences |
| **Biological sciences** *Bioengineering, see* *ENGINEERING, next page* | * Biochemistry/biophysics | * Microbiological sciences/immunology |
| * Biology, general | * Nutritional sciences |
| * Botany | * Pharmacology, human/animal |
| * Cell/molecular biology | * Physiology and pathology, |
| * Ecology | human/animal |
| * Genetics, animal/plant | * Zoology, general |
|  |  | * OTHER Biological sciences |
| **Environmental life sciences** | * Environmental science/studies | * Forestry sciences |
| **Computer and information sciences** *For Computer Engineering, see ENGINEERING, next page* | * Computer/information | * Computer systems analysis |
| sciences, general | * Information services/systems |
| * Computer programming | * OTHER computer/information sciences |
| * Computer science |  |
| **Mathematics and statistics** | * Applied mathematics | * Statistics |
| * Mathematics, general | * OTHER mathematics |
| * Operations research |  |
| **Chemistry** *For biochemistry, see Biological sciences* | * Chemistry except biochemistry (*biochemistry, see Biological sciences*) | |
| **Earth, atmospheric, and** | * Atmospheric | * Geological sciences, other |
| **ocean sciences** | sciences/meteorology | * Oceanography |
| * Earth sciences | * OTHER physical sciences |
| * Geology |  |
| **Physics** *Biophysics, see Biological Sciences* | * Astronomy/astrophysics | * Physics |
| **Psychology** | * Clinical psychology | * General psychology |
| * Counseling | * Industrial/organizational psychology |
| * Educational psychology | * Social psychology |
| * Experimental psychology | * OTHER psychology |

**ENGINEERING**

|  |  |  |
| --- | --- | --- |
| **Biochemical engineering**, *see Bioengineering/biomedical under OTHER Engineering* | | |
| **Chemical engineering** | * Chemical engineering |  |
| **Civil/architectural eng.** | * Architectural engineering | * Civil engineering |
| **Electrical/computer engineering** | * Computer/systems engineering | * Electrical/electronics/communications |
|  | engineering |
| **Industrial engineering** | * Industrial/manufacturing engineering | |
| **Mechanical engineering** | * Mechanical engineering |  |
| **OTHER engineering** | * Aerospace/aeronautical/ | * Geophysical/geological engineering |
| astronautical engineering | * Materials engineering, including |
| * Agricultural engineering | ceramics/textiles |
| * Bioengineering/biomedical | * Metallurgical engineering |
| engineering | * Mining/minerals engineering |
| * Engineering, general | * Naval architecture/marine engineering |
| * Engineering sciences/ | * Nuclear engineering |
| mechanics/physics | * Petroleum engineering |
| * Environmental engineering | * OTHER engineering |

**SOCIAL SCIENCES**

|  |  |  |
| --- | --- | --- |
| **Economics** | * Agricultural economics | * Economics |
| **Political and related**  **sciences** | * International relations | * Public policy studies |
| * Political science/government |  |
| **Sociology/Anthropology** | * Anthropology/archaeology | * Sociology |
| * Criminology |  |
| **OTHER social sciences** | * Area/ethnic studies | * Linguistics |
| * Education, general | * Philosophy of science |
| * Geography | * OTHER social sciences |
| * History of science |  |

*Source: SESTAT education codes in NSRCG major fields*