

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

ENGINEERING

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

SOCIAL SCIENCES

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

Source: SESTAT education codes in NSRCG major fields