

Codebook C: Scientific Fields of Study in the National Longitudinal Study of 1972 (NLS72)

HEGIS System (1970)

(1) Physical Science

<u>Code:</u>	<u>Title:</u>
1901	Physical science, general
1902	Physics, general
1903	Molecular physics
1904	Nuclear physics
1905	Chemistry, general
1906	Inorganic chemistry
1907	Organic chemistry
1908	Physical chemistry
1909	Analytical chemistry
1910	Pharmaceutical chemistry
1911	Astronomy
1912	Astrophysics
1913	Atmospheric science and meteorology
1914	Geology
1915	Geochemistry
1916	Geophysics and seismology
1917	Earth sciences, general
1918	Paleontology
1919	Oceanography
1920	Metallurgy
1999	Physical science, other
4902	Biological and physical sciences (interdisciplinary)

(2) Biological Sciences

<u>Code:</u>	<u>Title:</u>
101	Agriculture, general
102	Agronomy
103	Soils science
104	Animal science
105	Dairy science
106	Poultry science
108	Horticulture
113	Food science and technology
401	Biology, general
402	Botany, general
403	Bacteriology
404	Plant pathology
405	Plant pharmacology
406	Plant physiology
407	Zoology, general
408	Pathology, human and animal
409	Pharmacology, human and animal
410	Physiology, human and animal
411	Microbiology
412	Anatomy
413	Histology

414	Biochemistry
415	Biophysics
416	Molecular biology
417	Cell biology
418	Marine biology
419	Biometrics and biostatistics
420	Ecology
421	Entomology
422	Genetics
423	Radiobiology
424	Nutrition, scientific
425	Neurosciences
426	Toxicology
427	Embryology
499	Biological sciences, other

(3) Mathematical Science

<u>Code:</u>	<u>Title:</u>
1701	Mathematics, general
1702	Statistics, mathematical and theoretical
1703	Applied mathematics
1799	Mathematics, other

(4) Engineering

<u>Code:</u>	<u>Title:</u>
901	Engineering, general
902	Astronautical, aeronautical, and aerospace engineering
903	Agricultural engineering
904	Architectural engineering
905	Bio and biomedical engineering
906	Chemical engineering and petroleum refining
907	Petroleum engineering
908	Civil, transportation, and construction engineering
909	Communication, electronics, and electrical engineering
910	Mechanical engineering
911	Geological engineering
912	Geophysical engineering
913	Industrial and management engineering
914	Metallurgical engineering
915	Materials engineering
916	Ceramic engineering
918	Mining and mineral engineering
920	Nuclear engineering
922	Environmental engineering
923	Marine engineering and naval architecture
924	Ocean engineering
992	Sanitary engineering
999	Engineering, other

(5) Computer Science

<u>Code:</u>	<u>Title:</u>
701	Computer and information sciences, general

702	Information systems
705	Systems analysis
799	Computer and information sciences, other

CIP System: (Used as coding system for field of study in the 5th Follow-Up survey)

(1) Physical Science

<u>Code:</u>	<u>Title:</u>
400101	Physical sciences, general
400201	Astronomy
400301	Astrophysics
400401	Atmospherics sciences and meteorology
400501	Chemistry, general
400502	Analytical chemistry
400503	Inorganic chemistry
400504	Organic chemistry
400505	Pharmaceutical chemistry
400506	Physical chemistry
400599	Chemistry, other
400601	Geology
400602	Geochemistry
400603	Geophysics and seismology
400604	Paleontology
400699	Geological sciences, other
400701	Metallurgy
400702	Oceanography
400703	Earth science
400799	Miscellaneous physical sciences, other
400801	Physics, general
400802	Atomic and molecular physics
400803	Electron physics
400804	Elementary particle physics
400805	Fluids and plasmas
400806	Nuclear physics
400807	Optics
400808	Solid state physics
400899	Physics, other
400901	Planetary science
409999	Physical sciences, other
300101	Biological and physical sciences (interdisciplinary)

(2) Biological Science

<u>Code:</u>	<u>Title:</u>
020101	Agricultural sciences, general
020201	Animal sciences, general
020202	Animal breeding and genetics
020203	Animal health
020204	Animal nutrition
020205	Animal physiology
020206	Dairy

020207	Fisheries science
020208	Livestock science
020209	Poultry
020299	Animal sciences, other
020301	Food sciences, general
020304	Food engineering
020306	Food technology
020399	Food sciences, other
020401	Plant sciences, general
020402	Agronomy
020403	Horticulture science
020405	Plant breeding and genetics
020406	Plant pathology
020407	Plant physiology
020410	Turf management science
020499	Plant sciences, other
020501	Soil sciences, general
020502	Soil chemistry
020504	Soil management and fertility
020505	Soil microbiology
020506	Soil physics
020599	Soil sciences, other
029999	Agricultural sciences, other
260101	Biology, general
260201	Biochemistry and biophysics
260301	Botany, general
260302	Bacteriology
260303	Mycology
260304	Plant genetics
260305	Plant pathology
260306	Plant pharmacology
260307	Plant physiology
260399	Botany, other
260401	Cell biology
260402	Molecular biology
260499	Cell and molecular biology, other
260501	Microbiology
260601	Anatomy
260602	Biometrics and biostatistics
260603	Ecology
260604	Embryology
260605	Endocrinology
260606	Histology
260607	Marine biology
260608	Neurosciences
260609	Nutritional sciences
260610	Parasitology
260611	Radiobiology
260612	Toxicology
260699	Miscellaneous specialized areas, life sciences, other
260701	Zoology, general
260702	Entomology

260703	Genetics, human and animal
260704	Pathology, human and animal
260705	Pharmacology, human and animal
260706	Physiology, human and animal
260799	Zoology, other
269999	Life Sciences, other

(3) Mathematical Sciences

<u>Code:</u>	<u>Title:</u>
270101	Mathematics, general
270201	Actuarial sciences
270301	Applied mathematics
270401	Pure mathematics
270501	Statistics
279999	Mathematics, other

(4) Engineering

<u>Code:</u>	<u>Title:</u>
140101	Engineering, general
140201	Aerospace, aeronautical, and astronautical engineering
140301	Agricultural engineering
140401	Architectural engineering
140501	Bioengineering and biomedical engineering
140601	Ceramic engineering
140701	Chemical engineering
140801	Civil engineering
140901	Computer engineering
141001	Electrical, electronics and communications engineering
141201	Engineering physics
141301	Engineering science
141401	Environmental health engineering
141501	Geological engineering
141601	Geophysical engineering
141701	Industrial engineering
141801	Materials engineering
141901	Mechanical engineering
142101	Mining and mineral engineering
142201	Naval architecture and marine engineering
142301	Nuclear engineering
142401	Ocean engineering
142501	Petroleum engineering
142701	Systems engineering
149999	Engineering, other

(5) Computer Science

<u>Code:</u>	<u>Title:</u>
110101	Computer and information sciences, general
110401	Information science and systems
110501	Systems analysis
110601	Microcomputer applications
119999	Computer and information sciences, other