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About the Institute

The Hunt Institute for Botanical Documentation, a research division of Carnegie Mellon University, specializes in the history of botany and all aspects of plant science and serves the international scientific community through research and documentation. To this end, the Institute acquires and maintains authoritative collections of books, plant images, manuscripts, portraits and data files, and provides publications and other modes of information service. The Institute meets the reference needs of botanists, biologists, historians, conservationists, librarians, bibliographers and the public at large, especially those concerned with any aspect of the North American flora.

Hunt Institute was dedicated in 1961 as the Rachel McMasters Miller Hunt Botanical Library, an international center for bibliographical research and service in the interests of botany and horticulture, as well as a center for the study of all aspects of the history of the plant sciences. By 1971 the Library's activities had so diversified that the name was changed to Hunt Institute for Botanical Documentation. Growth in collections and research projects led to the establishment of four programmatic departments: Archives, Art, Bibliography and the Library.

AMERICAN INSTITUTE OF BIOLOGICAL SCIENCES

2000 P STREET, N. W.

WASHINGTON 6, D. C.

TO ALL BIOLOGISTS:

Digitized by the Hunt Institute for Botanical Documentation

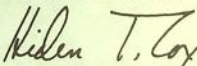
The Congress, in establishing the National Science Foundation, directed the Foundation to "maintain a register of scientific and technical personnel and in other ways provide a central clearinghouse for information in the United States." To carry out this mandate the National Science Foundation sought the aid of the American Institute of Biological Sciences and similar organizations. AIBS has cooperated with the Foundation from the start of this project and it has assumed responsibility for collecting and maintaining current data on the skills of trained persons in a number of fields of the life sciences.

Experience with the Register has revealed certain deficiencies in the original questionnaire which have been corrected through revision. A revised questionnaire is enclosed and we ask you to complete this questionnaire for the following reasons:

1. The Register is designed to provide for effective mobilization of highly trained, experienced manpower at any time and upon limited advance notice.
2. Highly trained and experienced people such as yourself, are by the nature of your training and work difficult to classify. This new questionnaire and the new "universal" Specialties List gives more opportunity to show your individual combination of skills than before. At the same time it is not very time-consuming to answer the questionnaire since it is largely in check-list form.
3. The new deck of IBM cards will be based solely on the new questionnaire returns.

I want to express my appreciation for your help and cooperation and I will be grateful to you for taking the time to complete and return this questionnaire at your earliest convenience.

Yours very truly,



Hiden T. Cox
Executive Director

FOR YOUR OWN RECORD

Form Number: 936-B

Date Sent: _____

Returned to: American Institute of Biological Sciences

SPECIALTIES LIST

Budget Bureau No. 99-B047
Approval expires Dec. 31, 1957

FOR USE WITH THE BIOLOGICAL SCIENCE QUESTIONNAIRE FOR THE

NATIONAL REGISTER
OF SCIENTIFIC AND TECHNICAL PERSONNEL

This list of specialties, for use with Item 18 of the accompanying questionnaire, has been designed to give comprehensive coverage in the mathematical, physical and life sciences and engineering, and less detailed coverage for social sciences and other professional areas. This "universal" list is presented in order that you may identify specialties in related fields or fields outside your main interest in which you may be competent. *Shading is used to call your attention to the most likely appropriate specialties, but please scan the entire list for specialties which apply to you.*

If you select the "other (specify)" category under any of the general headings, please write in the code number and a brief specialty title in Item 18 of the questionnaire.

Life Sciences

- 000—ANATOMY (General)
001—Embryology
002—Microscopic, histology
003—Morphology
004—Neuroanatomy
005—Systematic
006—Topographic
007—Anthropology (see 937)
009—Other (specify)
- 010—PHARMACOLOGY (General)
011—Chemical
012—Chemotherapy, experimental therapeutics.
013—Drug enzymology
014—Organ systems
015—Pharmacodynamics
016—Standardizations, toxicology
017—Neuropharmacology, psychopharmacology
019—Other (specify)
- 020—PHYSIOLOGY (General)
021—Cellular, comparative
022—Endocrine
023—Gastro-intestinal
024—Heart, circulation, blood
025—Muscle, neurophysiology
026—Renal; salt, water balance
027—Respiratory
028—Work-exercise
029—Other (specify)
- 030—NUTRITION & METABOLISM (Gen'l)
031—Metabolism
032—Requirements, deficiencies
033—Nutrient value of foods
034—Carbohydrates
035—Proteins, amino acids
036—Fats, lipids
037—Trace elements
038—Vitamin enzymology
039—Other (specify)
- 040—PATHOLOGY (General)
041—Comparative
042—Clinical
043—Cytopathology, histopathology
044—Experimental
045—Hematology
046—Oncology
047—Technology, methodology
049—Other (specify)
- 050—BIOPHYSICS (General)
051—Bioacoustics
052—Bioelectricity
053—Biomechanics
054—Instrumentation
055—Molecular science
056—Radiation biology
057—Theoretical biophysics
058—Thermobiology
059—Other (specify)
- 060—MICROBIOLOGY (General)
061—Antibiotics
062—Bacterial metabolism
063—Bacterial physiology
064—Bioassay
065—Clinical bacteriology
066—Epidemiology
067—Immunology
068—Fermentation (chemical solvents, food, beverages) (see 611)
069—Mycology
070—Parasitology, protozoology
071—Serology
072—Soil bacteriology
073—Taxonomy & morphology
074—Virology & rickettsial disease
075—Food bacteriology
076—Biologicals: prod'n & testing
079—Other (specify)
- 080—GENETICS (General)
081—Animal
082—Human
083—Microorganisms
084—Plant
085—Population studies
089—Other (specify)
- 090—ZOOLOGY (General)
091—Protozoology
092—Parasitology
093—Invertebrate, other
094—Herpetology
095—Ichthyology
096—Mammalogy
097—Ornithology
098—Vertebrate, other
099—Other (specify)
- 100—ENTOMOLOGY (General)
101—Agricultural
102—Taxonomy
103—Control techniques
104—Insect pests
105—Insect physiology, morphology
106—Medical
109—Other (specify)
- 110—ECOLOGY (General)
111—Animal ecology
112—Plant ecology
113—Other (specify)
- 115—HYDROBIOLOGY (General)
116—Limnology
117—Marine biology
118—Biological oceanography
119—Other (specify)
- 120—BOTANY (General)
121—Cytology
122—Morphology
123—Mycology
124—Phycology
125—Plant introduction
126—Plant physiology
127—Nutrition & growth
128—Taxonomy
129—Other (specify) *Economic Botany*
- 130—PHYTOPATHOLOGY (General)
131—Bacterial diseases
132—Control (specify)
133—Disease (specify crop)
134—Fungicides
135—Fungus diseases
136—Nematode diseases
137—Survey, identification
138—Virus diseases
139—Other (specify)
- 140—ANIMAL HUSBANDRY (General)
141—Breeding
142—Large animal production
143—Small animal production
144—Poultry science
145—Nutrition
146—Physiology
149—Other (specify)
- 150—FISH AND WILDLIFE (General)
151—Food habits
152—Habitat influences
153—Propagation and management
154—Population dynamics
- 155—HORTICULTURE (General)
156—Breeding, hybridization
157—Fruit production
158—Vegetable production
159—Other (specify)
- 160—FORESTRY (General)
161—Forest management
162—Forest & wood products
163—Silviculture
164—Other (specify) *Forest Botany*
- 165—RANGE SCIENCE (General)
166—Management
169—Other (specify)
- 170—AGRONOMY (General)
171—Crop breeding, hybridization
172—Crop production
173—Pasture management
174—Weed control
175—Other (specify)
- 176—SOIL SCIENCE
177—Soil conservation
178—Fertility; management
179—Other (specify)
- OTHER BIOLOGICAL SPECIALTIES
190—Aerobiology
191—Biogenesis, evolution
192—Biogeography, biophisography
193—Blood banking
194—Technology, methodology
195—Biometrics & biostatistics
196—Biological warfare agents
- 198—GENERAL BIOLOGY, unspecialized
199—BIOLOGY, OTHER (specify)

Psychology

- 200-EXPERIMENTAL, COMPARATIVE & PSYCHOLOGICAL PSYCH. (Gen'l)
- 201-Aesthetics
- 202-Animal learning
- 203-Aquarium design & exhibition
- 204-Addiction
- 205-Allopathic functions
- 206-CNS functions
- 207-Communications research, information theory
- 208-Electroencephalography
- 209-Fatigue
- 210-Feeling & emotion
- 211-Motivation
- 212-Motor skills
- 213-Perception
- 214-Psychophysics
- 215-Sensory processes
- 216-Symbolic processes, problem solving
- 481-Operations research
- 218-HUMAN ENGINEERING
- 220-SOCIAL PSYCHOLOGY (General)
- 221-Social perception & cognition
- 222-Culture & personality
- 223-Surveys & polls
- 224-Group interaction
- 225-Language & communication
- 226-Leadership
- 227-Role differentiation
- 228-Mass media communication
- 229-Social attitudes
- 230-CLINICAL PSYCHOLOGY (General)
- 231-Behavior problems
- 232-Crime & delinquency
- 233-Experimental psychopathology
- 234-Group therapy
- 235-Individual diagnosis & therapy
- 236-Mental deficiency
- 237-Objective tests
- 238-Projective techniques
- 239-Speech pathology
- 240-COUNSELING & GUIDANCE (Gen'l)
- 241-Educational counseling
- 242-Non-directive therapy
- 243-Personal adjustment
- 244-Vocational counseling
- 245-Rehabilitation
- 246-DEVELOPMENTAL PSYCHOL. (Gen'l)
- 247-Nursery & pre-school
- 248-Childhood & adolescence
- 249-Maturity & old age
- 250-INDUSTRIAL & PERSONNEL PSYCHOL. (General)
- 251-Job analysis & position classification
- 252-Salary & pay plans
- 253-Performance evaluation, criterion development
- 254-Recruiting, selection, placement
- 255-Employee & executive training & development
- 256-Employee morale & attitudes
- 257-Labor-management relations
- 258-Safety research & training
- 259-Market research, advertising
- 260-EDUCATIONAL PSYCHOLOGY (Gen'l)
- 261-Educational measurement
- 262-School adjustment
- 263-School learning
- 264-Special education
- 265-Student personnel
- 266-Teacher personnel
- 268-SCHOOL PSYCHOLOGY

- 270-PSYCHOMETRICS (General)
- 271-Experimental design
- 272-Factor analysis
- 273-High-speed computers
- 274-Mathematical models
- 275-Statistical development
- 276-Test construction, validation
- 277-Test theory, scale analysis
- 280-PERSONALITY (General)
- 281-Development
- 282-Measurement
- 283-Personality & body
- 284-Personality & learning
- 285-Personality & perception
- 286-Personality theory
- 287-Structure & dynamics
- 290-GENERAL PSYCHOLOGY
- 291-History & biography
- 292-Theory & systems
- 298-PSYCHOLOGY, UNSPECIALIZED
- 299-PSYCHOLOGY, OTHER (Specify)

Earth Sciences

- 300-GEOPHYSICS (General)
- 301-Seismology
- 302-Terrrestrial magnetism & electricity
- 303-Physics of the upper atmosphere
- 304-Exploration geophysics, petro- & natural gas
- 305-Exploration geophysics, mineral deposits
- 306-Instrumentation
- 307-Cosmos
- 309-Other (Specify)
- 310-GEOCHEMISTRY (General)
- 311-Chem. of natural waters
- 312-Chem. of carbonaceous materials
- 313-Chem. of rocks & minerals
- 314-Isotope geo- & radioactivity
- 319-Other (Specify)
- 320-GEOLOGY (General)
- 321-Areal & field geology
- 322-Mineralogy, determinative
- 323-Mineralogy, crystallography
- 324-Sedimentology
- 325-Igneous petrology
- 326-Metamorphic petrology
- 327-Invertebrate paleontology
- 328-Vertebrate paleontology
- 329-Paleobotany
- 330-Micropaleontology
- 331-Stratigraphy
- 332-Structural geol., sedimentary
- 333-Structural geol., igneous & metamorphic
- 334-Economic geology, metals
- 335-Economic geol., non-metals
- 336-Economic geol., ground-water
- 337-Economic geol., petroleum
- 338-Petrol. geol., surface exploration
- 339-Petrol. geol., subsurface
- 340-Petrol. geol., other
- 341-Engineering geology
- 342-Military geology
- 343-Geomorphology
- 344-Cryology
- 349-Other (Specify)
- 345-HYDROLOGY (General)
- 346-Surface streams & lakes
- 347-Ground-water hydrology
- 348-Cryology
- 349-Other (Specify)
- 350-OCEANOGRAPHY (General)
- 351-Physical oceanography

- 352-Chemical oceanography
- 353-Ocean-bottom sediments
- 354-Beach & shore processes
- 355-Underwater sound
- 359-Other (Specify)

Meteorology

- 360-SPORTS METEOROLOGY (General)
- 361-Observations
- 362-Analysis
- 363-Short-range forecasting
- 364-Extended-range forecasting
- 365-Objective forecasting
- 366-Numeral forecasting
- 367-HYDROMETEOROLOGY
- 368-MICROMETEOROLOGY
- 369-INSTRUMENT DEVELOPMENT
- 370-PHYSICAL AND DYNAMIC METEOROLOGY (General)
- 371-Experimental
- 372-Turbulence, diffusion
- 373-Cloud physics
- 374-Weather modification
- 375-Radar meteorology
- 376-CLIMATOLOGY (General)
- 377-Bioclimatology
- OTHER METEOROLOGY SPECIALTIES
- 378-Upper atmosphere meteorology
- 379-Polar meteorology
- 380-Tropical meteorology
- 381-Marine meteorology
- 382-Agricultural meteorology
- 383-Aviation meteorology
- 384-Military meteorology
- 385-Atmospheric pollution
- 386-Radiocative fall-out patterns
- 388-Gen'l. METEOROLOGY, UNSPECIALIZED
- 389-METEOROLOGY, OTHER (Specify)

Geography

- 390-GEOGRAPHY (General)
- 391-Physical geography
- 392-Economic geography
- 393-Human geography
- 394-Regional (specify regions)
- 395-Cartography
- 396-Asian geography
- 397-Regional planning
- 398-Structural geol., igneous & metamorphic
- 399-Other (Specify)

Mathematics

- ALGEBRA
- 400-Combinatorial analysis
- 401-Linear algebra and matrix theory
- 402-Polynom's, invari's, theo. of eq.
- 403-Lattices, Boolean algebra
- 404-Group theory, generalizations
- 405-Structure of algebras and rings
- 406-Commutative ideal & valuation theory
- 407-Representation theory
- 408-Homological algebra
- 409-Algebra, other (Specify)
- NUMBERS THEORY
- 410-Elementary number theory
- 411-Analytic number theory

- 412-Algebraic number theory
- 413-Group. of numbers
- 414-Diophantine approx.
- 415-Number theory, other (Specify)

Logic

- 416-Formal and symbolic logic
- 417-Foundations of mathematics
- 418-Foundations of logic
- 419-Logic, other (Specify)
- 420-Logic, other (Specify)

ANALYSIS AND FUNCTIONAL ANALYSIS

- 421-Dwarf, set theo. & transfinite no.
- 422-Convexities, inequalities, mean-value theorems
- 423-Theory of measure, integration, areas
- 424-Functions of real variables
- 425-Functions of a complex variable incl. conformal mapping
- 426-Potential theory, subharmonic functions
- 427-Series, summability
- 428-Interpolation, approximation
- 429-Trigonometric series & integrals
- 430-Integral transfor., operat'l calc's
- 431-Special functions
- 432-Ordinary differential equations
- 433-Partial differential equations
- 434-Difference eq., int. & in. no. of var.
- 435-Calculus of variations
- 436-Integral eq., int. & in. no. of var.
- 437-Topol. vector spaces, Banach spaces & algebras
- 438-Tubert spaces
- 439-Analysis & functional analysis, other (Specify)

TOROLGY

- 440-Abstract spaces
- 441-Dimensions, continua, pt.-set topol.
- 442-Mapping & fixed-point theory
- 443-Homotopy theory
- 444-Homology & cohomology theory
- 445-Fibre bundles & spaces, cover'g sp.
- 446-Manifolds
- 447-Graphs, map coloring
- 448-Applic. to anal. dynamical syst's
- 449-Topology, other (Specify)

GEOMETRY

- 450-Foundations & finite geometries
- 451-Converse domains & extremal problems
- 452-Integral & metric geometry
- 453-Euclidean geometry
- 454-Projective & non-Euclidean geom.
- 455-Differential geom. & tensor anal.
- 456-Measurings
- 457-Complex manifolds
- 458-Algebraic geometry
- 459-Geometry, other (Specify)

PROBABILITY & STATISTICS (Gen'l)

- 460-Foundations of probability
- 461-Stochastic processes, other (specy)
- 462-Analysis of variance, other (specy)
- 463-Theory of statistical inference
- 464-Design & analysis of experiments
- 465-Sampling techniques
- 466-Queueing theory & game theory
- 469-Other (Specify)

THEORY & PRACTICE OF COMPUTATION

- 470-Math. theory of numerical anal's
- 471-Numerical & tables, construe.
- 472-Logical design of computing syst.
- 473-Programming desk computers
- 474-Programmed standard punch card equipment
- 475-Programming coding, automatic digital systems

- 476-Programming analogue systems
- 479-Other (Specify)

MATHEMATICS OF RESOURCES USE

- 480-Econometrics
- 481-Operations research
- 482-Activity anal., linear programming
- 483-Response systems evaluation
- 484-Logistics inventory & replace. theo.
- 489-Other (Specify)

OTHER SPECIALTIES

- 490-Actuarial mathematics
- 491-Cryptography
- 492-Information & communication theory
- 493-Biometrics & biostatistics

GENERAL MATH., UNSPECIALIZED

- 498-MATHEMATICS, OTHER (Specify)

Physics

- 500-SOLAS STATE (General)
- 501-Physics of metals
- 502-Semiconductors
- 503-Crystalline state
- 504-Dielectrics (including fluid)
- 505-Magnetism
- 506-Explosives, jets, rockets, terminal ballistics
- 507-Radiation damage
- 508-Glasses & high polymers
- 509-Other (Specify)

ELECTRICITY & MAGNETISM (Gen'l)

- 510-Electromagnetic fields
- 511-Microwaves
- 512-Radiowaves
- 513-Electron dynamics
- 514-Gas discharge
- 515-Elect. measurements & instrum'ts
- 517-Thermionic & secondary emission
- 518-Physical electronics
- 519-Other (Specify)

OPTICS (General)

- 520-Physical optics
- 521-Geometrical optics
- 522-Physiological & psych. optics
- 523-Optical design of astronomical instrum'ts
- 524-Optical instruments
- 525-Photometric photometry
- 526-Colorimetry, photometry
- 527-Index of ref.
- 529-Other (Specify)

ACOUSTICS (General)

- 530-Architectural acoustics
- 531-Acoustic measurements
- 532-Noise & vibrations
- 533-Acoustic communications acoustics
- 534-Physiological & psych. acoustics
- 535-Sound transmission thru liquids
- 536-Ultrasonic instruments
- 537-Other (Specify)

METHODS & HEAT (General)

- 540-Hydrodynamics
- 541-Aerodynamics & shock waves
- 542-Fluid pressure phenomena
- 543-Rheology
- 544-Cryogenics
- 545-Heat radiation & transmission
- 546-Thermodynamics
- 547-Other (Specify)

ATOMIC & MOLECULAR PHYSICS (General)

- 550-Atomic & molecular spectra

- 553-Isotopes
- 554-X-rays
- 555-Scattering of electromagnetic phenomena
- 559-Other (Specify)

NUCLEAR PHYSICS (General)

- 560-Nuclear physics
- 561-Particle accelerators
- 562-Particle detectors
- 563-Other instruments
- 564-High energy physics, cosmic rays
- 565-Nuclear structure & properties
- 566-Radiactivity
- 568-Nuclear spectra
- 569-Nuclear reactions
- 570-Nuclear scattering
- 571-Magnetic resonance
- 572-Other (Specify)

THEORETICAL PHYSICS (General)

- 573-Statistical mech. & kinetic theo.
- 574-Field theory
- 575-Analytical mechanics
- 577-Relativity & gravitation
- 578-Quantum mechanics
- 579-Other (Specify)

OTHER PHYSICS SPECIALTIES

- 580-Servo-mechanisms
- 581-Instrumental measurement & control
- 582-Health physics
- 583-Explosives, jets, rockets, terminal ballistics
- 584-Flight of missiles
- 585-Operations research

GENERAL PHYSICS, UNSPECIALIZED

- 588-PHYSICS, OTHER (Specify)

Astronomy

- 587-ASTRONOMY (General)
- 588-Astronomy
- 589-Physics of the sun
- 590-Physics of planets, satellites
- 591-Astronomy
- 592-Celestial mechanics
- 593-Design of astronomical instrum'ts
- 594-Navigation, astronautics
- 595-Photometric photometry
- 596-Spectroscopic photometry
- 597-Differential theory of astrom. sources
- 598-Star systems & statistical astrom.
- 599-Radio astronomy

Chemistry

- 600-ANALYTICAL CHEMISTRY (General)
- 601-Assaying
- 602-Classical methods
- 603-Electrochemical methods
- 604-Ferrous chemistry
- 605-Microchemistry
- 606-Tracer methods
- 607-Infrared and optical methods
- 608-Spectroscopy and spectrometry
- 609-Other (Specify)

AGRIC. & FOOD CHEM. (General)

- 611-Cereals & fermentation products
- 612-Beverages, carbohydrate
- 613-Insecticides & pesticides
- 614-Soils & fertilizers
- 615-Dairy products, fats & oils

- 616-Phytochemistry
- 617-Fruits & vegetables
- 618-Meat, sea food & poultry
- 619-Other (Specify)

INORGANIC CHEMISTRY (General)

- 620-Ceramics & related bldg. materials
- 621-Glass, clay products, refractories
- 622-Isotopes
- 623-Fine chemicals
- 624-Organic chemicals
- 625-Fluorescent materials
- 626-Radiation effects
- 627-Metals
- 628-Pigments (including carbon black)
- 629-Radiopaque materials (purification & separation)
- 630-Theoretical inorganic chemistry
- 639-Other (Specify)

ORGANIC CHEMISTRY (General)

- 631-Adhesives, glues, & sizes
- 632-Analytical mechanics
- 633-Coal & coal products
- 634-Dyes & inks
- 635-Explosives & rocket fuels
- 636-Fine chemicals
- 637-Heavy chemicals
- 638-Leather, tanning mat'ls; collagen
- 639-Rubber; natural, synthetic & related products
- 640-Texiles; natural, synthetic & related products
- 641-Oils, fats, & waxes
- 642-Organic synthesis
- 643-Plastics, enamels, & varnishes
- 644-Petroleum products
- 645-Petroleum by-products, derivatives, synthetic fuels, asphalt, & industrial gases
- 646-Resins & plastics
- 647-Soaps & detergents
- 648-Synthetic alcohols & solvents
- 649-Theoretical (incl. reaction mech.) atoms & structural chem.

PHYSICAL CHEMISTRY (General)

- 650-Wood, paper, pulp
- 651-Organic-metallic compounds
- 652-Silicon compounds
- 653-Halogen compounds
- 654-Protives & amino acids
- 659-Other (Specify)

PHYSICAL CHEMISTRY (General)

- 660-Absorption & adsorption
- 661-Atomic & nuclear structure & radiochemistry
- 662-Dispersions
- 663-Photochemistry
- 664-Electrochemistry & dielectrics
- 665-Explosives & rocket fuels
- 666-Photophysics
- 667-Theoretical (including reaction mechanisms & kinetics)
- 668-Thermodynamics & thermochem.
- 669-Ion exchange & applications
- 670-Catalysis; catalytic materials
- 671-Audiovisual communication
- 672-Vacuum techniques
- 673-Crystallography
- 674-Other (Specify)

PHARMACEUTICAL CHEM. (Gen'l)

- 680-Pharmaceutical chem. (Gen'l)
- 681-Chemical warfare agents
- 682-Industrial wastes
- 683-Water, sewage, & sanitation chem.
- 689-Other (Specify)

OTHER CHEMISTRY SPECIALTIES

- 690-Chemical warfare agents
- 691-Industrial wastes
- 692-Water, sewage, & sanitation chem.
- 693-Other (Specify)

GENERAL CHEMISTRY, UNSPECIALIZED

- 699-CHEMISTRY, OTHER (Specify)

Engineering

- 700—AERONAUTICAL ENGINEERING (Gen'l)
- 701—Aerodynamics
- 702—Aerodynamics theory
- 703—Rotary wing
- 704—Stability & control
- 705—Flutter & vibration
- 706—Compressors & turbines
- 707—Aerodynamic loads
- 708—Aircraft structures
- 709—Hydrodynamics
- 710—Landing loads
- 711—Propulsion systems
- 712—Aircraft fuels, combustion
- 713—Propul. sys. materials, struc.
- 714—Instrumentation
- 715—Flight test & research
- 716—Airports & air transport
- 719—Other (specify)
- 720—ELECTRICAL ENGINEERING (General)
- 721—Power generation
- 722—Power transmission & distribution
- 723—Rotating machinery
- 724—Transportation & traffic
- 725—Illumination
- 726—Wire communication systems
- 727—Servomechanisms
- 729—Other (specify)
- 730—ELECTRONICS (General)
- 731—Radio communication
- 732—Television systems
- 733—Computers
- 734—Electron tubes
- 735—Electronic circuitry
- 736—Semiconductor applications
- 737—Telemetering
- 738—Circuit theory
- 739—Other (specify)
- 740—ARCHITECTURAL ENGINEERING (Gen'l)
- 741—Earthquake & shock resistance
- 742—Other (specify)
- 745—MARINE ENGINEERING (General)
- 746—Naval architecture
- 747—Marine power plants & machinery
- 749—Other (specify)
- 750—CIVIL ENGINEERING (General)
- 751—Airport construction
- 752—City planning
- 753—Construction, heavy
- 754—Construction, light
- 755—Reclamation & water use
- 757—Waterways & harbors
- 758—Highways
- 759—Railroads & terminals
- 763—Subways & under-city constr.
- 764—Dams & stream control
- 765—Other (specify)
- 766—AGRICULTURAL ENGINEERING (Gen'l)
- 767—Erosion control & irrigation
- 768—Farm mechanization
- 769—Farm product handling
- 770—SANITARY ENGINEERING (General)
- 771—Water supply
- 772—Sewage & industrial wastes
- 773—Water pollution control
- 774—Milk & food sanitation
- 775—Insect & rodent control
- 776—Air pollution
- 777—Refuse disposal
- 778—Industrial hygiene & occup. health
- 786—Radiological health engineering
- 779—Other (specify)
- 780—CHEMICAL ENGINEERING (General)
- 781—Absorption & adsorption
- 782—Electrochemical processes
- 783—Extraction, solvent recovery
- 784—Heat transmission
- 785—Materials handling
- 786—Measure & control of process variables
- 787—Fluid dynamics

- 788—Nuclear processes
- 789—Mechanical separation
- 790—Mixing, kneading, & agitating
- 791—Phase change separation
- 792—Size reduction processes
- 793—Process design & development
- 794—Product packaging
- 795—Petroleum processing
- 799—Other (specify)
- 800—CERAMIC ENGINEERING (General)
- 801—Abrasives
- 802—Clay products
- 803—Cements, limes, plasters
- 804—Protective & refractory coatings for metals
- 805—Refractories
- 806—Glass
- 807—Kilns, furnaces
- 809—Other (specify)
- 810—MECHANICAL ENGINEERING (Gen'l)
- 811—Boilers & steam engineering
- 812—Automotive engineering
- 813—Construction
- 814—Gas turbines
- 815—Air conditioning
- 816—Internal combustion engines
- 817—Machine design
- 818—Lubrication engineering
- 819—Machine tools
- 820—Materials handling
- 821—Refrigeration
- 822—Steam engines & turbines
- 823—Textile engineering
- 824—Welding engineering
- 829—Other (specify)
- 830—ENGINEERING MECHANICS (Gen'l)
- 831—Statics
- 832—Dynamics
- 833—Thermodynamics
- 834—Properties of materials
- 835—Plasticity
- 836—Elasticity
- 837—Fluid dynamics
- 839—Other (specify)
- 840—MINING ENGINEERING (General)
- 841—Exploration and development
- 842—Underground mining
- 843—Open cut mining
- 844—Placer mining
- 845—Beneficiation
- 846—Petroleum production
- 849—Other (specify)
- 850—METALLURGY & MET. ENGINEERING
- 851—Iron & steel extraction
- 852—Nonferrous extraction
- 853—Electrometallurgy
- 854—Powder metallurgy
- 855—Physical metallurgy
- 856—Foundry practice
- 857—Metal treatment & fabrication
- 858—Metallurgy, other (specify)
- 859—Metallurgical eng., other (specify)
- 860—INDUSTRIAL ENGINEERING (Gen'l)
- 861—Engineering economics
- 862—Maintenance engineering
- 863—Time & motion study
- 864—Operational analysis
- 865—Procurement & accounting
- 866—Production planning & engineering
- 867—Statistical engineering, quality control
- 868—Standards & testing of materials
- 869—Other (specify)
- 870—SURVEYING, MAPPING, PHOTOGRAMMETRY
- 871—Geodesy
- 872—Cartography
- 873—Cadastral surveys
- 874—Eng'r surveys for construction
- 875—Topography
- 876—Hydrography
- 877—Photogrammetry
- 879—Other (specify)

OTHER ENGINEERING

- 881—Safety engineering
- 882—Product engineering
- 883—Process engineering
- 884—Instrumentation & control
- 885—Materials engineering
- 886—Fuels & combustion
- 887—Heat transfer
- 888—Corrosion & preservation
- 890—NUCLEAR ENGINEERING
- 895—HUMAN ENGINEERING (man-machine)
- 899—ENGINEERING, OTHER (specify)

Other Specialties

- 900—BIOCHEMISTRY (General)
- 901—Clinical
- 902—Endocrine
- 903—Enzyme; vitamin
- 909—Nutrition & metabolism
- 934—Proteins, amino acids
- 936—Fats, lipids
- 904—Microbiological, cytohisto-chem.
- 905—Physical
- 906—Oncology
- 907—Biochemophology
- 908—Technology; methodology
- 909—Other (specify)
- 910—MEDICINE & SURGERY (General)
- 911—Aviation medicine
- 912—Cardiology
- 913—Hematology
- 914—Radiology
- 915—Psychiatry
- 916—Neurology
- 919—Other (specify)
- 920—Dentistry
- 921—Public health
- 922—Pharmacy
- 924—Veterinary medicine
- 930—SOCIAL SCIENCES (General)
- 931—Archaeology
- 932—Economics
- 933—Political science
- 934—Area studies
- 935—Demography
- 936—Sociology
- 937—Anthropology
- 939—Other (specify)
- 940—STATISTICS (except math. stat.)
- 941—Survey statistics
- 942—Analytical statistics
- 944—Other (specify)
- (See also 195, 270, 460, 867)
- 945—HISTORY (General)
- 946—History of science and math.
- 950—LINGUISTICS & LITERATURE
- 960—EDUCATION (methods)
- 961—Teaching of science & math.
- 965—Law
- 966—Patent law
- 970—LIBRARY & ARCHIVAL SCIENCE
- 971—Scientific & technical documentation
- 975—WRITING & JOURNALISM
- 976—Scientific & technical writing & editing
- 991—PHILOSOPHY
- 998—SCIENCE, GENERAL, unspecialized
- 999—OTHER FIELDS (specify)