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ABSTRACT

The development of the NCHEM taxonomy came about because of a need for standardized and comprehensive structures for cataloging and organizing information on the multitude of instructional programs and activities presently functioning in the various levels and sectors of education. Although considerable effort has gone into the development of the NCHEMS postsecondary education subject matter taxonomy, the final result is not entirely satisfactory. This is due in part to inadequacies in the foundations upon which the proposed taxonomy has been based (that is, two existing taxonomies, both of which have internal inconsistencies) and in part to the restriction of the taxonomy to a four-digit coding structure. This proposed taxonomy has not attempted to resolve these issues but does seek to lay out issues and alternatives for consideration by others who may be concerned with the development of subject matter taxonomies. (Author)

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# A PROPOSED TAX POSTSECONDARY SUBJECT MATTER

Higher Education

U.S. DEPARTMENT OF HEALTH  
EDUCATION & WELFARE  
NATIONAL INSTITUTE OF  
EDUCATION





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The Western Interstate Commission for Higher Education (WICHE) is a public agency through which the 13 western states work together

- ... to increase educational opportunities for westerners.
- ... to expand the supply of specialized manpower in the West.
- ... to help universities and colleges improve both their programs and their management.
- ... to inform the public about the needs of higher education.

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To design, develop, and encourage the implementation of management information systems and data bases including common data elements in institutions and agencies of higher education that will:

- provide improved information to higher education administration at all levels.
- facilitate exchange of comparable data among institutions.
- facilitate reporting of comparable information at the state and national levels.

Western Interstate Commission for Higher Education  
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A PROPOSED TAXONOMY OF POSTSECONDARY  
EDUCATION SUBJECT MATTER AREAS

(Preliminary Draft)

Katherine A. Allman

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1975

This document, which has been produced as part of a program supported by the National Institute of Education, is one of two NCHEMS documents on classification systems for postsecondary education subject matter. This one proposes a postsecondary education subject matter taxonomy that might be used on an interim basis in conjunction with the NCHEMS Program Classification Structure. The other, entitled A General Discussion of Classification Systems for Postsecondary Education Subject Matter, provides a general discussion of the subject with special attention to characteristics of "the ideal" taxonomy and the strengths and weaknesses of existing taxonomies.

Both of these documents are being given very limited distribution in the hope that a new project being considered by the National Center for Educational Statistics will be initiated to develop a subject matter taxonomy for all of education that is far more comprehensive and systematic than any existing taxonomy, including the one described in this document. By limiting distribution of the two NCHEMS documents, it is hoped that more attention will be focused on the development and review of this long-term solution to the taxonomy problem.

National Center for Higher Education Management Systems at  
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## PREFACE

The primary mission of the National Center for Higher Education Management Systems (NCHEMS) at WICHE is to assist organizations and agencies involved in postsecondary education with the development of improved procedures and tools for planning and resource allocation. A related objective is the development of procedures that facilitate the exchange of comparable data among these institutions and agencies. This document, which has been developed jointly by the NCHEMS staff and the Statewide Structures Task Force, reviewed by the staff and the Task Force and approved for limited distribution by the Current Projects Committee of the NCHEMS Board of Directors, is intended to further these general objectives.

Work on the postsecondary education subject matter taxonomy described in this document was initiated for two basic reasons: First, an immediate need for a unified subject matter taxonomy was seen for both the emerging state postsecondary education commissions and the community/junior colleges. Second, NCHEMS was interested in exploring the possibilities of extending the utility of its products to all of postsecondary education. As work on the taxonomy progressed, it became clear that it was a problem that could be dealt with only on an interim basis with the resources available in the NCHEMS project. The work on the present taxonomy therefore shifted from trying to develop an alternative that would be recommended for actual use to providing an example of what might be done and documenting problems in existing taxonomies. It is hoped that in this way further effort on the development of postsecondary subject matter taxonomies, specifically new projects being considered by the National Center for Educational Statistics, will lead to a satisfactory taxonomy for all of education.

Thus, the taxonomy described in this document is not viewed by NCHEMS as a real alternative for actual use (although it is superior in many ways to existing taxonomies), it is not being recommended for inclusion in the NCHEMS communication base, nor are there any plans for maintaining or updating it in the future. Any institution or agency that adopts or implements this taxonomy should be aware that there is a strong possibility that yet another new taxonomy will be developed through NCES and adopted for federal reporting purposes within the next three to five years. It is doubtful that coding structure of that new taxonomy will bear any resemblance to the one used in this document.

## INTRODUCTION

In recent years, stimulated in part by the Higher Education Amendments of 1972 that established the so-called 1202 Commissions,\* a general consensus has been developing that federal, state, and regional planners should be concerned about all portions of postsecondary education and not just individual sectors. This seems appropriate as many institutions in the different sectors (for example, higher education, vocational/technical education, proprietary education) are beginning to diversify and compete more directly with one another. This trend, which appears likely to continue, creates special problems for those responsible for planning and coordinating the various institutions and delivery units for postsecondary education programs and activities.

To facilitate statewide planning and decision making for diverse numbers and types of postsecondary education delivery units, a set of standardized procedures and coding schemes for classifying, categorizing, organizing, and displaying a wide variety of types of information about the programs and activities that are provided by these units must be available. Members of the NCHEMS Advisory Structure (particularly members of the Statewide Structures Task Force), statewide postsecondary planners and decision makers, and other members of the postsecondary education community have expressed strong reservations about some of

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\*Section 1202 of the 1972 Higher Education Amendments to the Higher Education Act of 1965 specifies that each state shall designate or create a State Commission (i.e., 1202 Commission) that is "broadly and equitably representative of the general public and public and private nonprofit and proprietary institutions of postsecondary vocational schools, area vocational schools, technical institutes, four-year institutions of higher education and branches thereof..." to conduct comprehensive statewide planning for postsecondary education.

the structures presently available for cataloging, organizing, and reporting information, particularly those related to postsecondary education subject matter.

#### SUBJECT MATTER TAXONOMIES CURRENTLY IN USE

Currently there are two widely used taxonomies for reporting data about academic, vocational/technical, and adult/continuing education programs and activities: Standard Terminology for Curriculum and Instruction in Local and State School Systems (U.S. National Center for Educational Statistics, 1970a), hereafter referred to as the Handbook VI taxonomy, and A Taxonomy of Instructional Programs in Higher Education (U.S. National Center for Educational Statistics, 1970b), hereafter referred to as the HEGIS taxonomy. These two taxonomies were designed for similar purposes but for different segments of postsecondary education.

#### The HEGIS Taxonomy

The HEGIS taxonomy was developed jointly by the National Center for Educational Statistics (NCES) of the U.S. Office of Education and the Western Interstate Commission for Higher Education as a classification system for student programs in higher education. Currently it is used by NCES as a key element in their Higher Education General Information Survey (HEGIS) questionnaires for collecting data on enrollments and degrees awarded from higher education institutions. Its status was enhanced substantially when it was made an integral part of the Program Classification Structure (PCS) developed by NCHEMS (Gulko, 1972). It thus became identified as relevant to higher education planning and management as well as federal reporting.

The HEGIS Taxonomy is essentially an alphabetical listing of program categories that are commonly found in higher education institutions. The taxonomy has two major sections, one for "academic" programs at the baccalaureate level and above, and the other for vocational/technical programs at less than the baccalaureate level. The taxonomy has a two-level hierarchical structure that permits the individual program subcategories to be aggregated in a logical fashion into broad program categories. The strengths and weaknesses of the HEGIS taxonomy have been discussed by Wing (1975).

Although the HEGIS taxonomy was developed as a means for classifying student programs, it can be used also to classify disciplines and subject matter, because in higher education student programs and disciplines often have the same names. In the NCHEMS Program Classification Structure, the HEGIS taxonomy is used to refer to disciplines (or instructional departments) without any loss in utility or applicability.

#### The Handbook VI Taxonomy

The Handbook VI Taxonomy was developed as a classification system for subject matter, student programs, and so forth for institutions and agencies concerned with vocational/technical education. It is currently used for both planning and reporting purposes by agencies and institutions at both the secondary and postsecondary levels. It has been designated as a Department of Health, Education, and Welfare reporting standard and it is currently under consideration by the National Bureau of Standards for designation as a Federal Reporting Standard.

The Handbook VI Taxonomy is a five-level hierarchical classification system with a ten-digit coding structure. The taxonomy has 22 major sections that correspond to broad discipline categories related to vocational/technical education. It is relatively comprehensive although it does have considerable redundancy and repetition of categories. A discussion of the strengths and weaknesses of the Handbook VI Taxonomy can be found in Wing (1975).

## THE PROPOSED TAXONOMY

In the development of the taxonomy described in this document, it was recognized that a single unified taxonomy of subject matter areas for all levels and sectors of education (for example, elementary, secondary, postsecondary) would be a worthwhile objective. It also was obvious that such an effort would require a rather long-term effort (two or more years) that could not be supported with resources available for this NCHEMS effort. Given the problems that currently exist for a large number of states and institutions because of the existence of two taxonomies, it was decided that there was sufficient need for an interim solution to proceed with this effort. Therefore, the taxonomy described in this document was developed to meet this need, at least in the short-run, and to fill the gap that presently exists for the postsecondary education community.

### FEATURES OF THE TAXONOMY

Because the 0100-4900 classification series of the present HEGIS taxonomy has been widely accepted and used in one way or another by higher education institutions and agencies to describe "academic subdivisions of knowledge and training," this series was chosen as the core of the new taxonomy. Modifications to this series (0100-4900) in the form of additional subject matter divisions and subject matter specialties to accommodate principally vocational/technical and adult/continuing instructional programs and activities have been made. In addition, a few subject matter specialties in the 0100-4900 series have been deleted and replaced with sets of more detailed categories that are more consistent with the structure and level of detail of the entire taxonomy. The appendix describes these modifications in some detail.

The primary source of the vocational/technical and adult/continuing subject matter areas that have been added to the 0100-4900 core series is the Handbook VI Taxonomy, which contains a relatively comprehensive list of vocational/education subject matter areas. To ensure that nothing has been omitted, section II of the HEGIS taxonomy (the "5000 series" that describes "technological and occupational curricula leading to associate degrees and other awards below the baccalaureate") and a number of other taxonomies have also been considered in developing the proposed taxonomy. The bibliography contains a complete list of the references used in the development effort.

Some of the features of the resulting taxonomy and the criteria used in its development are:

1. The categories in the proposed taxonomy are subject matter divisions and specialties based on similar instructional content and emphasis.
2. The proposed taxonomy is "neutral" with respect to information other than subject matter. That is, the categories in the taxonomy do not reflect information other than subject matter.
3. Four-digit coding, consistent with the current HEGIS format, is used. The first two digits define the major subject matter divisions and the last two digits define subject matter specialties.
4. Short narrative descriptions that describe each of the subject matter divisions and specialties are included in the taxonomy. These have been added in the hope that they will minimize ambiguity in the assignment of activities and programs to categories in the taxonomy.
5. Crossovers between the existing HEGIS and Handbook VI taxonomies and the proposed taxonomy are included.
6. The proposed taxonomy lists and defines both general academic, vocational/technical, and adult/continuing education by subject matter areas in an integrated manner.

## CLASSIFICATIONS AND CODING .

This taxonomy has been developed to identify, define, and provide a unique code for each of the major subject matter areas presently being taught in post-secondary education institutions. Thirty subject matter divisions and over 535 subject matter specialties have been included in the taxonomy. Each of the subject matter divisions is defined in rather broad terms and then followed by two or more specialties, as appropriate. Although this taxonomy may be closely related to individual courses offered by postsecondary education institutions, it should not be viewed as a list of individual courses, either actual or recommended, for any institution or department.

In utilizing subject matter as the focal point for this effort it has been recognized that a number of other descriptive distinctions, which should be defined and coded independently, must be attached to this taxonomy in order to define and describe further the educational programs and activities. This is true particularly where these data would be used as the basis for state-level postsecondary education planning and decision making. Among the additional distinctions that might be organized into standardized categories and linked to the subject matter areas of the proposed taxonomy are:

- type of organization or institution (for example, university, two-year college, proprietary school)
- level of instructional activity (for example, preparatory, upper division, graduate)
- type of award (for example, diploma, bachelor's degree, doctoral degree)

- type of instructional emphasis (for example, academic, vocational/technical, avocational)

There are obviously other distinctions that might be added to this list, but these four have been identified since they seem to be the most significant ones for postsecondary education that are not directly accommodated in the proposed subject matter taxonomy.

Although a taxonomy of postsecondary education subject matter areas may be complete and up to date when it is first released, it is inevitable that over time new subject matter areas will evolve which may require additional categories in the taxonomy. Given this, an attempt has been made to provide in the proposed taxonomy a flexible structure with the capacity to be expanded or contracted as subject matter distinctions and categories evolve over time.

Although the relationship between the different subject matter divisions and their specialties may be interpreted by some as suggestions on how a postsecondary education institution should organize its instructional offerings, this is not the intent of this proposed taxonomy. While it is desirable that the categories and codes used in the proposed taxonomy be compatible with the organizational structures of institutions that use it, as this will facilitate its use, it is expected that most users will have to perform a certain amount of translation or cross-walking in order to implement the taxonomy.

## INDEX AND CROSSOVER TABLE

To provide assistance in identifying the classification titles of the various subject matter divisions and subject matter specialties included in the taxonomy, an alphabetical index of each title and its corresponding code has been included. A crossover table also has been developed and included, which identifies the relationship that exists between the present HEGIS and Handbook VI taxonomies and the taxonomy proposed in this document. This detailed crossover table is based on the numerical sequence of the four-digit codes of the proposed taxonomy. The left-hand column shows the relationship(s) of the present HEGIS taxonomy categories (both the 0100-4900 and 5000-5500 series) to the proposed taxonomy, and the right-hand column shows the same relationship(s) for the Handbook VI categories.

## USES OF THE TAXONOMY

The taxonomy has been developed to provide a standardized classification and coding structure that will assist institutions and agencies in organizing information about programs and activities in postsecondary education for both statewide and institutional planning and decision making. The taxonomy may also be useful in organizing information about various postsecondary education research and public service programs, although the applicability of the taxonomy in these areas is untested.

If it were implemented, which is not being recommended, the taxonomy could play a vital role in extending the utility of the PCS to the postsecondary education community and for statewide planning and decision making. Discussion of applications and uses of the PCS in this context can be found in An Examination of Possible Statewide Applications and Extensions of the NCHEMS

Program Classification Structure (Wing and Romney, 1974).

Finally, the taxonomy, particularly if some or all of the additional distinctions mentioned on page 7 (for example, type of organization or institution, type of award) were linked to it, could serve as a partial basis for a wide range of federal and state postsecondary education reporting requirements.

## SUMMARY

There is general agreement on the need for standardized and comprehensive structures for cataloging and organizing information on the multitude of instructional programs and activities presently functioning in the various levels and sectors of education. Such structures are needed for internal and external reporting and for planning and management efforts at various levels (for example, department, institution, system, statewide), just to mention two of the most important requirements.

Although considerable effort has gone into the development of the postsecondary education subject matter taxonomy presented in this document and the resulting taxonomy has some advantages over currently available alternatives, the final result is not entirely satisfactory. This is due in part to inadequacies in the foundations upon which the proposed taxonomy has been based (that is, two existing taxonomies, both of which have internal inconsistencies) and in part to the restriction of the taxonomy to a four-digit coding structure. This proposed taxonomy has not attempted to resolve these issues but does seek to lay out issues and alternatives for consideration by others who may be concerned with the development of subject matter taxonomies.

THE PROPOSED TAXONOMY

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13

0100 AGRICULTURE AND NATURAL RESOURCES

- 0101 Agriculture, general
- 0102 Agronomy (field crops and crop management)
- 0103 Soils science (management and conservation)
- 0104 Animal science (husbandry)
- 0105 Dairy science (husbandry)
- 0106 Poultry science
- 0107 Fish, game, and wildlife management
- 0108 Horticulture (fruit and vegetable production)
- 0109 Ornamental horticulture (floriculture and nursery science)
- 0110 Agricultural and farm management
- 0111 Agricultural economics
- 0112 Agricultural business
- 0114 Forestry
- 0115 Natural resources management
- 0117 Range management
- 0118 Hydrology and water management
- 0119 Natural resources, general
- 0120 Plant science
- 0121 Agricultural mechanics
- 0122 Nonfood science and technology
- 0123 Commercial fishery
- 0124 Marine life cultivation and related areas
- 0125 Insect and reptile science
- 0199 Other, specify

0200 ARCHITECTURE AND ENVIRONMENTAL DESIGN

- 0201 Environmental design, general
- 0202 Architecture
- 0203 Interior design
- 0204 Landscape architecture
- 0205 Urban architecture
- 0206 City, community, and regional planning
- 0207 World planning
- 0299 Other, specify

0300 AREA STUDIES

- 0301 Asian studies, general
- 0302 East Asian studies
- 0303 South Asian studies
- 0304 Southeast Asian studies
- 0305 African studies
- 0306 Islamic studies
- 0307 Russian and Slavic studies
- 0308 Latin American studies
- 0309 Middle Eastern studies

- 0310 European studies, general
- 0311 Eastern European studies
- 0312 West European studies
- 0313 American studies
- 0314 Pacific area studies
- 0315 Atlantic area studies
- 0316 Arctic area studies
- 0317 Antarctic area studies
- 0318 Area studies, general
- 0399 Other, specify

0400 BIOLOGICAL SCIENCES

- 0401 Biology, general
- 0402 Botany, general
- 0403 Bacteriology
- 0404 Plant pathology (phytopathology)
- 0405 Plant pharmacology
- 0406 Plant physiology
- 0407 Zoology, general
- 0408 Pathology, human and animal
- 0409 Pharmacology, human and animal
- 0410 Physiology, human and animal
- 0411 Microbiology
- 0412 Anatomy
- 0413 Histology
- 0414 Biochemistry
- 0415 Biophysics
- 0416 Molecular biology
- 0417 Cell biology (cytology, cell physiology)
- 0418 Marine biology
- 0419 Biometrics and biostatistics
- 0420 Ecology
- 0421 Entomology
- 0422 Genetics
- 0423 Radiobiology
- 0424 Nutrition, scientific (excludes nutrition in home economics and dietetics)
- 0425 Neurosciences
- 0426 Toxicology
- 0427 Embryology
- 0428 Fresh-water biology
- 0429 Parasitology
- 0430 Phylogeny
- 0431 Anthropobiology (physical anthropology)
- 0432 Developmental biology
- 0433 Behavioral biology
- 0434 Biological taxonomy
- 0499 Other, specify

0500 BUSINESS, COMMERCE, AND MANAGEMENT

- 0501 Business and commerce, general
- 0502 Accounting
- 0503 Business statistics
- 0504 Banking and finance
- 0505 Investments and securities
- 0506 Business management and administration
- 0507 Operations research
- 0508 Hotel, institutional, and restaurant management
- 0509 Marketing and purchasing
- 0510 Transportation and public utilities
- 0511 Real estate
- 0512 Insurance
- 0513 International business
- 0514 Secretarial studies
- 0515 Personnel management
- 0516 Labor and industrial relations
- 0517 Business economics
- 0518 Credit and collections
- 0599 Other, specify

0600 COMMUNICATIONS

- 0601 Communications, general
- 0602 Journalism (printed media)
- 0603 Radio/television
- 0604 Advertising
- 0605 Communication media (use of videotape, films, etc., specifically oriented toward radio/television)
- 0699 Other, specify

0700 COMPUTER AND INFORMATION SCIENCES

- 0701 Computer and information sciences, general
- 0703 Data processing
- 0704 Computer programming
- 0706 Artificial intelligence
- 0707 Information storage and retrieval
- 0708 Processing equipment operation
- 0799 Other, specify

0800 EDUCATION

- 0801 Education, general
- 0802 Elementary education, general
- 0803 Secondary education, general
- 0804 Junior high school education

0805 Higher education, general  
 0806 Junior and community college education  
 0807 Adult and continuing education  
 0808 Special education, general  
 0809 Administration of special education  
 0810 Education of the mentally retarded  
 0811 Education of the gifted  
 0812 Education of the deaf  
 0813 Education of the culturally disadvantaged  
 0814 Education of the visually handicapped  
 0815 Speech correction  
 0816 Education of the emotionally disturbed  
 0817 Remedial education  
 0818 Special learning disabilities  
 0819 Education of the physically handicapped  
 0820 Education of the multiple handicapped  
 0821 Social foundations (history and philosophy of education)  
 0822 Educational psychology (include learning theory)  
 0823 Pre-elementary education  
 0824 Educational statistics and research  
 0825 Education testing, evaluation and measurement  
 0826 Student personnel (counseling and guidance)  
 0827 Educational administration  
 0828 Educational supervision  
 0829 Curriculum and instruction  
 0830 Reading education  
 0831 Art education  
 0832 Music education  
 0833 Mathematics education  
 0834 Science education  
 0835 Physical education  
 0836 Driver and safety education  
 0837 Health education (include family life education)  
 0838 Business, commerce, and distributive education  
 0839 Industrial arts, vocational, and technical education  
 0840 Home economics, agriculture, and related education  
 0841 Foreign language education  
 0842 Vocational rehabilitation education  
 0843 Comparative education  
 0844 Educational experimentation  
 0845 Educational technologies  
 0899 Other, specify

0900 TECHNOLOGY

0901 Technology, general  
 0902 Aerospace, aeronautical, and astronautical technology, general  
 0903 Agricultural technology, general

0905 Bioengineering and biomedical technology  
0906 Chemical technology, general  
0907 Petroleum technology  
0908 Civil, construction, and transportation technology, general  
0909 Electrical, electronics, and communications technology, general  
0910 Mechanical technology, general  
0911 Geological technology  
0912 Geophysical technology  
0913 Industrial and management technology, general  
0914 Metallurgical technology  
0915 Materials technology, general  
0916 Ceramics and clay technology  
0917 Textile and cordage technology  
0918 Mining and mineral technology, general  
0919 Applied physics  
0920 Nuclear technology  
0921 Applied mechanics  
0922 Environmental and sanitary technology, general  
0923 Naval architecture and marine technology, general  
0924 Ocean technology, general  
0926 Land and road vehicle technology, general  
0927 Military technology, general  
0928 Steam, hydraulic, and pneumatic energy technology  
0929 Internal combustion and other special engine technology  
0930 Fluid distribution technology  
0931 Workshop practice, general  
0932 Packing and dispatch technology  
0933 Machining technology  
0934 Traffic planning  
0935 Special chemicals technology  
0936 Explosives technology  
0937 Fuels, heating, and combustion technology  
0938 Beverages technology  
0939 Stimulants, tobacco, and narcotics technology  
0940 Food technology  
0941 Preservation technology  
0942 Oils, fats, and waxes technology  
0943 Glass technology  
0944 Gypsum, lime, cement, and allied technology  
0945 Color, dye, and paint technology  
0946 Various organic chemical technology  
0947 Precious metal and gem technology  
0948 Iron and steel goods technology  
0949 Non-ferrous metal goods technology  
0950 Timber and woodwork technology  
0951 Leather technology  
0952 Paper and pulp technology  
0953 Macromolecular materials technology

- 0954 Stone technology
- 0955 Various natural processable materials technology
- 0956 Precision mechanisms, apparatus, machines, and instruments technology
- 0957 Smithery, farriery, and hand-forged ironwork technology
- 0958 Ironmongery and hardware technology
- 0959 Upholstering
- 0960 Saddlery, footware, and gloves technology
- 0961 Travel, sport, games, and other equipment technology
- 0962 Bookbinding technology
- 0963 Picture frame and mirror technology
- 0964 Writing, drawing, and artists' materials technology
- 0965 Clothing technology
- 0966 Fancy and decorative goods technology
- 0967 Metal fabrication
- 0968 Welding, flame cutting, and related work
- 0969 Electrical assembling, installing, and repairing
- 0970 Painting, plastering, waterproofing, cementing, and related work
- 0971 Excavating, grading, paving, and related work
- 0972 Carpentry (excludes millworking and cabinetmaking)
- 0973 Masonry (include bricklaying)
- 0974 Plumbing and pipefitting
- 0975 Glazing
- 0976 Roofing
- 0977 Other structural work
- 0973 Drafting
- 0979 Surveying
- 0999 Other, specify

1000 FINE AND APPLIED ARTS

- 1001 Fine arts, general
- 1003 Art history and appreciation
- 1006 Music history and appreciation (musicology)
- 1007 Dramatic arts
- 1008 Dance
- 1010 Cinematography
- 1011 Photography
- 1012 Applied photography
- 1013 Holography
- 1014 Photomechanical printing processes
- 1015 Engraving and printing
- 1016 Painting
- 1017 Drawing and sketching
- 1018 Sculpture and plastic arts
- 1019 Architecture
- 1020 Applied music

- 1021 Music composition
- 1022 Music theory
- 1023 Industrial and commercial design
- 1024 Minor arts and crafts (industrial and domestic)
- 1025 Public entertainment
- 1026 Art restoration
- 1027 Modeling and standing-in
- 1099 Other, specify

1100 FOREIGN LANGUAGES

- 1101 Foreign languages, general
- 1102 French
- 1103 German
- 1104 Italian
- 1105 Spanish
- 1106 Russian
- 1107 Chinese
- 1108 Japanese
- 1109 Latin
- 1110 Greek, classical
- 1111 Hebrew
- 1112 Arabic
- 1113 Indian (Asiatic) languages
- 1114 Scandinavian languages
- 1115 Slavic languages (other than Russian)
- 1116 African languages (non-Semitic)
- 1117 Portugese
- 1118 Greek, modern
- 1119 Indian (American) languages
- 1120 Artificial languages
- 1199 Other, specify

1200 HEALTH SERVICES

- 1201 Health services, general
- 1202 Hospital and health care administration
- 1203 Nursing, general
- 1204 Dentistry, general
- 1206 Medicine, general
- 1208 Occupational therapy
- 1209 Optometry
- 1210 Osteopathic medicine
- 1211 Pharmacy
- 1212 Physical therapy and rehabilitation
- 1213 Dental hygiene
- 1214 Public health
- 1215 Medical record librarianship
- 1216 Podiatry or podiatric medicine

1218 Veterinary medicine, general  
1220 Speech pathology and audiology  
1221 Chiropractic  
1222 Clinical social work (medical and psychiatric and  
specialized rehabilitation services)  
1223 Medical laboratory technologies  
1224 Dental laboratory technologies  
1225 Radiology  
1226 Dental public health  
1227 Endodontics  
1228 Oral pathology  
1229 Oral surgery  
1230 Orthodontics  
1231 Pedodontics  
1232 Periodontology  
1233 Prosthodontics  
1234 Dental assisting  
1235 Aerospace medicine  
1236 Anesthesiology  
1237 Dermatology  
1238 Forensic medicine  
1239 General practice/family practice  
1240 Internal medicine  
1241 Neurology  
1242 Obstetrics and gynecology  
1243 Ophthalmology  
1244 Otorhinolaryngology  
1245 Pathology, general  
1246 Neuropathology  
1247 Pediatrics, general  
1248 Pediatric allergy  
1249 Pediatric cardiology  
1250 Preventive medicine, general  
1251 Psychiatry, general  
1252 Child psychiatry  
1253 Surgery, general  
1254 Colon and rectal surgery  
1255 Neurological surgery  
1256 Orthopedic surgery  
1257 Plastic surgery  
1258 Thoracic surgery  
1259 Urology  
1260 Medical assisting  
1261 Veterinary public health  
1262 Veterinary toxicology  
1263 Laboratory animal medicine  
1264 Theriogenology  
1265 Veterinary internal medicine

- 1266 Veterinary microbiology
- 1267 Veterinary ophthalmology
- 1268 Veterinary pathology
- 1269 Veterinary radiology
- 1270 Veterinary surgery
- 1271 Veterinary anesthesiology
- 1272 Veterinary medical assisting
- 1273 Inhalation therapy
- 1274 Orthotics and prosthetics
- 1275 Electrodiagnostics
- 1276 Blood bank technology
- 1277 First aid
- 1278 Safety education
- 1279 General and personal health and hygiene
- 1280 Mental health
- 1281 Mortuary science
- 1282 Acupuncture
- 1299 Other, specify

1300 HOME ECONOMICS

- 1301 Home economics, general
- 1302 Home decoration and home equipment
- 1303 Clothing and textiles
- 1304 Consumer economics and home management
- 1305 Family relations and child development
- 1306 Foods and nutrition (include dietetics)
- 1308 Child care and guidance
- 1309 Geriatric care
- 1399 Other, specify

1400 LAW

- 1401 Law, general
- 1402 Comparative law
- 1403 International law
- 1404 Public law
- 1405 Criminal law
- 1406 Private law
- 1407 Commercial law
- 1408 Legal procedures and organizations
- 1499 Other, specify

1500 LETTERS

- 1501 English, general
- 1502 Literature, English
- 1503 Comparative literature
- 1504 Classics

- 1505 Linguistics (include phonetics, semantics, and philosophy)
- 1506 Speech, debate, and forensic science (rhetoric and public address)
- 1507 Creative writing
- 1508 Teaching of English as a foreign language
- 1511 Composition (exclude creative writing)
- 1599 Other, specify

1600 LIBRARY, ARCHIVAL, AND MUSEUM SCIENCES

- 1601 Library science, general
- 1602 Archival science, general
- 1603 Museum and related administration
- 1699 Other, specify

1700 MATHEMATICS

- 1701 Mathematics, general
- 1702 Statistics, mathematical and theoretical
- 1703 Applied mathematics (theoretical applications)
- 1704 Arithmetic
- 1705 Algebra
- 1706 Geometry
- 1707 Trigonometry
- 1708 Calculus
- 1709 Special methods of calculation
- 1799 Other, specify

1800 MILITARY SCIENCES

- 1801 Military science (Army)
- 1802 Naval science (Navy, Marines)
- 1803 Aerospace science (Air Force)
- 1804 Coastal science (Coast Guard)
- 1899 Other, specify

1900 PHYSICAL SCIENCES

- 1901 Physical sciences, general
- 1902 Physics, general (exclude biophysics)
- 1903 Molecular and atomic physics
- 1904 Nuclear physics
- 1905 Chemistry, general (exclude biochemistry)
- 1906 Inorganic chemistry
- 1907 Organic chemistry
- 1908 Physical chemistry
- 1909 Analytical chemistry

1910 Pharmaceutical chemistry  
1911 Astronomy  
1912 Astrophysics  
1913 Atmospheric sciences and meteorology  
1914 Geology  
1915 Geochemistry  
1916 Geophysics, general  
1917 Earth sciences, general  
1918 Paleontology  
1919 Oceanography  
1920 Metallurgy  
1921 Mineralogy  
1922 Hydrology  
1923 Seismology  
1924 Volcanology  
1999 Other, specify

2000 PSYCHOLOGY

2001 Psychology, general  
2002 Experimental psychology (animal and human)  
2003 Clinical psychology  
2004 Psychology for counseling  
2005 Social psychology  
2006 Psychometrics  
2008 Industrial psychology  
2009 Developmental psychology  
2010 Physiological psychology  
2011 Abnormal psychology  
2012 Special mental conditions  
2013 Creativity  
2014 Astrology  
2099 Other, specify

2100 PUBLIC AFFAIRS AND SERVICES

2101 Community services, general  
2102 Public administration  
2103 Parks and recreation management  
2104 Social work and helping services (other than clinical social work)  
2105 Law enforcement and corrections  
2106 International public service (other than diplomatic service)  
2107 Fire protection  
2108 Citizenship  
2109 Civil service preparation  
2199 Other, specify

## 2200 SOCIAL SCIENCES

- 2201 Social sciences, general
- 2202 Anthropology
- 2203 Archaeology
- 2204 Economics
- 2205 History
- 2206 Geography
- 2207 Political science and government
- 2208 Sociology
- 2209 Criminology
- 2210 International relations
- 2211 Afro-American (black culture) studies
- 2212 American Indian cultural studies
- 2213 Mexican-American cultural studies
- 2214 Urban studies
- 2215 Demography
- 2216 Asian-American cultural studies
- 2217 Women's studies
- 2299 Other, specify

## 2300 THEOLOGY

- 2301 Theological professions, general
- 2302 Religious music
- 2303 Biblical languages
- 2304 Religious education
- 2305 Ecclesiastical and canonical law
- 2306 Non-Christian religions and cults
- 2399 Other, specify

## 2500 PHILOSOPHY

- 2501 Metaphysics
- 2502 Logic
- 2503 Ethics
- 2504 Aesthetics
- 2505 History of philosophy
- 2506 Religious studies (exclude theological professions)
- 2599 Other, specify

## 2600 PHYSICAL EDUCATION AND RECREATION

- 2601 Adapted physical education
- 2602 Aquatics
- 2603 Body dynamics
- 2604 Group games, contests, and relays
- 2605 Individual and dual sports
- 2606 Stunts, tumbling, and gymnastics
- 2607 Team sports

- 2608 Outdoor recreation
- 2609 Self-defense
- 2610 Games of thought and chance
- 2699 Other, specify

2700 SERVICE

- 2701 Food and beverage preparation and service
- 2702 Barbering, cosmetology, and related service
- 2703 Other personal service
- 2704 Animal service
- 2705 Apparel and furnishings service
- 2706 Building and related service
- 2707 Guarding and watching
- 2708 Telecommunication service
- 2709 Career development service
- 2799 Other, specify

2800 SPECIAL COMMUNICATION

- 2801 Dactylology
- 2802 Braille
- 2803 Lip reading
- 2804 Codes
- 2805 Cryptography
- 2806 Pantomime
- 2899 Other, specify

2900 TRANSPORTATION EQUIPMENT OPERATION

- 2901 Driver education, general
- 2902 Truck driving
- 2903 Railroad transportation, general
- 2904 Railroad conducting
- 2905 Water transportation, general
- 2906 Water transportation, management and operation
- 2907 Air transportation, general
- 2908 Air transportation, piloting and navigating
- 2999 Other, specify

4900 INTERDISCIPLINARY STUDIES

- 4901 General liberal arts and sciences
- 4902 Biological and physical sciences
- 4903 Humanities and social sciences
- 4904 Technology and other specialties
- 4905 Futuristics
- 4906 Systems analysis
- 4907 High school equivalency preparation
- 4999 Other, specify

## 0100 AGRICULTURE AND NATURAL RESOURCES

*Subject matter designations which characterize students, faculty, facilities, and instruction, research, and public service activities having to do with the production, processing, and management of food, natural fiber, plants, forest, animal, insect, reptile, marine, and wildlife resources.*

### 0101 Agriculture, general

Subject matter related to providing a general overview of the production, processing, and management activities associated with agriculture.

### 0102 Agronomy (field crops and crop management)

Subject matter related to the production and use of field crops.

### 0103 Soils science (management and conservation)

Subject matter related to the properties of soils and plants and the principles and practices involved in maintaining soil and plant stability and productivity, including the prevention of erosion, pollution, waterlogging, and exhausting plant nutrients.

### 0104 Animal science (husbandry)

Subject matter related to the theories, principles, practices, and applications of appropriate technical skills as they apply to producing and managing animals and animal products. (Activities related to the dairy and poultry sciences should be separately identified under codes 0105 and 0106, respectively).

0105 Dairy science (husbandry)

Subject matter related to the theories, principles, practices, and applications of appropriate technical skills as they apply to producing and managing dairy animals and dairy animal products.

0106 Poultry science

Subject matter related to the theories, principles, practices, and applications of appropriate technical skills as they apply to producing and managing poultry animals and poultry animal products.

0107 Fish, game, and wildlife management

Subject matter related to the principles and practices involved in protecting, breeding, hunting, and catching fish, game, and wildlife.

0108 Horticulture (fruit and vegetable production)

Subject matter related to the production and use of fruit and vegetable crops.

0109 Ornamental horticulture (floriculture and nursery science)

Subject matter related to the culture and production of ornamental flowers, plants, shrubs, and trees, and to the establishment, development, and management of ornamental horticulture enterprises.

0100 Agricultural and farm management

Subject matter concerned with agricultural and farm management including farm resource analysis, accounting, production, financing, resource acquisition, purchasing, performance records, contracts, and marketing.

0111 Agricultural economics

Subject matter related to the economics of agricultural production, marketing, resource use, prices, and policies.

0112 Agricultural business

Subject matter concerned with the supplies, materials, and services used in the production phase of agriculture (including agricultural production and distribution theories), and the development and use of managerial tools for control and analyses.

0114 Forestry

Subject matter related to general forestry, forest economics, woodland botany and zoology, conservation of the resources of the woodlands, multiple uses of forest lands and resources, and forest products and their utilization.

0115 Natural resources management

Subject matter related to the general principles and processes involved in the conservation and/or improvement of natural resources such as land, minerals, air, vegetation, and water for economic, recreational, and conservation purposes. (Range management should be separately identified under code 0117.)

0117 Range management

Subject matter related to the animal and plant sciences, soil and water sciences, and other theories, principles, and practices involved in the preservation, expansion, and/or improvement of natural (public or private) range and ranch lands.

0118 Hydrology and water management

Subject matter related to the occurrence, circulation, distribution, and properties of water and its relationship to soils, plants, and animals.

0119 Natural resources, general

Subject matter related to providing a general overview of the history and potential and actual use of the natural resources of the earth (for example, land, forests, mineral deposits, and water).

0120 Plant science

Subject matter related to the principles and practices involved in the culture, production, and protection of agricultural plants, with pest prevention and controls, and with application of this scientific knowledge and these methods with appropriate technical skills in support of plant science agricultural activities.

0121 Agricultural mechanics

Subject matter related to performing and/or assisting with the common and important operations or processes involved in the selection, operation, maintenance, and use of agricultural power, agricultural machinery and equipment, structures and utilities, and agricultural mechanics shop, including kindred sales and services.

0122 Nonfood science and technology

Subject matter related to the principles, processes, and operations involved in the preparation of agricultural nonfood (for example, fiber, plant, and animal) products for marketing and sale for industrial, institutional, and home uses.

0123 Commercial fishery

Subject matter related to techniques for finding fish; shipboard preservation and refrigeration; processing catches afloat and on shore; and operation and maintenance of all fishing gear and power plants.

0124 Marine life cultivation and related areas

Subject matter concerned with caring for, planting, transplanting, or transferring (stocking with) aquatic animal or plant life, including the development and maintenance of a subsistence environment for such life.

0125 Insect and reptile science

Subject matter related to the theories, principles, practice, and applications of appropriate technical skills as they apply to producing and managing insects (for example, bees and silkworms) and reptiles (for example, tortoises and snakes), and products associated with them.

0199 Other, specify

Subject matter concerned with an area(s) of agriculture and/or natural resources not adequately reflected in the above specialties.

0200 ARCHITECTURE AND ENVIRONMENTAL DESIGN

*Subject matter designations which characterize students, faculty, facilities, and instruction, research, and public service activities having to do with the designing of buildings, communities, parks, and other manmade aspects of the physiosocial environment including systems and procedures for coordinating and linking their functions and operations.*

0201 Environmental design, general

Subject matter concerned with providing a background in the application of principles of spatial and structural design and their interrelationships in man's attempts to create, adapt, alter and control his surroundings through the architecture and environmental design areas.

0202 Architecture

Subject matter related to designing buildings, open spaces, and communities for the satisfaction of human needs.

0203 Interior design

Subject matter concerned with the relationship of various materials and furnishings for designing the interior of a building.

0204 Landscape architecture

Subject matter related to the procedures and techniques available for arranging or modifying the landscape features of an area for esthetic and/or practical reasons.

0205 Urban architecture

Subject matter related to the urban, social, and technological sciences used as the basis to shape or reshape the physical forms of an urban area.

0206 City, community, and regional planning

Subject matter concerned with empirical and theoretical variables necessary to develop a design, scheme, or arrangement for inter-relating the physical forms and social systems of a city, community, or region.

0207 World planning

Subject matter concerned with empirical and theoretical variables necessary to develop a design, scheme, or arrangement for inter-relating the physical social, and economic systems of the world.

0299 Other, specify

Subject matter concerned with an area(s) of architecture and/or environmental design not adequately reflected in the above specialties.

0300 AREA STUDIES

*Subject matter designations which characterize students, faculty, facilities, and instruction, research, and public service activities designed to study cultures indigenous to specific geographic regions using an interdisciplinary approach.*

0301 Asian studies, general

Subject matter related to providing a background in the economics, geography, sociology, anthropology, politics, and so forth of Asia.

0302 East Asian studies

Subject matter related to providing a background in the economics, geography, sociology, anthropology, politics, and so forth of East Asia (Japan and adjacent islands, and eastern China).

0303 South Asian studies

Subject matter related to providing a background in the economics, geography, sociology, anthropology, politics, and so forth of South Asia (India, Pakistan, Ceylon, Maldivé Islands, Nepal, Sikkim, and Bhutan).

0304 Southeast Asian studies

Subject matter related to providing a background in the economics, geography, sociology, anthropology, politics, and so forth of Southeast Asia (Burma, Thailand [Siam], Laos, Malaysia, Cambodia, and Vietnam).

0305 African studies

Subject matter related to providing a background in the economics, geography, sociology, anthropology, politics, and so forth of Africa, including the South Indian Ocean islands.

0306 Islamic studies

Subject matter related to the religious faith of Muslims, their civilization, and culture, and the countries in which Islam is the dominant religion.

0307 Russian and Slavic studies

Subject matter pertaining to the Russian and Slavic peoples, cultures, and languages, and related geographic considerations.

0308 Latin American studies

Subject matter related to providing a background in the economics, geography, sociology, anthropology, politics, and so forth of Middle America (Mexico, Central America, and the West Indies [Antilles]) and South America (Brazil, Argentina, Chile, Bolivia, Peru, Columbia, Panama, Panama Canal Zone, Ecuador, Venezuela, Guiana, Paraguay, and Uruguay).

0309 Middle Eastern studies

Subject matter related to providing a background in the economics, geography, sociology, anthropology, politics, and so forth of Minor and adjacent islands, Iraq, and the Eastern Mediterranean (Syria, Lebanon, Israel, and Jordan).

0310 European studies, general

Subject matter related to providing a background in the economics, geography, sociology, anthropology, politics, and so forth of Europe.

0311 Eastern European studies

Subject matter related to providing a background in the economics, geography, sociology, anthropology, politics, and so forth of Eastern Europe (Finland, European Russia, Lithuania, Greece, the Balkan Peninsula, Yugoslavia, Bulgaria, Romania, the Aegean Sea Islands, and Crete).

0312 West European studies

Subject matter related to providing a background in the economics, geography, sociology, anthropology, politics, and so forth of West Europe (Scotland, Ireland, the British Isles, Central Europe, France, Italy and adjacent territories, the Iberian Peninsula and adjacent islands, Scandinavia, the Northwestern Islands, the Netherlands, the southern Low Countries, and Switzerland).

0313 American studies

Subject matter related to providing a background in the economics, geography, sociology, anthropology, politics, and so forth of North America and South America.

0314 Pacific area studies

Subject matter related to providing a background in the economics, geography, sociology, anthropology, politics, and so forth of Oceania (the Malay Archipelago, the Sunda Islands, New Zealand, Melanesia, Australia, Papua New Guinea, and other Pacific Ocean Islands).

0315 Atlantic area studies

Subject matter related to providing a background in the economics, geography, sociology, anthropology, politics, and so forth of the Atlantic Ocean Islands (for example, Falklands and dependent islands and St. Helena and dependencies).

0316 Arctic area studies

Subject matter related to providing a background in the economics, geography, sociology, anthropology, and so forth of the Arctic islands.

0317 Antarctic area studies

Subject matter related to providing a background in the economics, geography, sociology, anthropology, politics, and so forth of Antarctica.

0318 Area studies, general

Subject matter related to providing a general overview of ancient world and/or modern world area studies.

0399, Other, specify

Subject matter concerned with a region in area studies not adequately reflected in the above specialties.

0400 BIOLOGICAL SCIENCES

*Subject matter designations which characterize students, faculty, facilities, and instruction, research, and public service activities related to the science of life or living matter in all its forms and biological phenomena, especially the origin, growth, reproduction, and structure of life forms.*

0401 Biology, general

Subject matter related to the science of living matter and biological phenomena.

0402 Botany, general

Subject matter related to the biology of plant life.

0403 Bacteriology

Subject matter related to the nature and characteristics of bacteria and other microorganisms.

0404 Plant pathology (phytopathology)

Subject matter related to the nature, causes, and development of diseases of plants.

0405 Plant pharmacology

Subject matter related to the effects of drugs and other substances on plants, and to the development, preparation, and uses of these drugs and other substances.

0406 Plant physiology

Subject matter related to biological functions and activities of plants.

0407 Zoology, general

Subject matter related to the biology of animal life.

0408 Pathology, human and animal

Subject matter related to the nature, causes, and development of human and animal diseases and disorders.

0409 Pharmacology, human and animal

Subject matter related to the effects of drugs and other substances on organs, tissues, and life processes of humans and animals, and to the development, preparation, and uses of these drugs and other substances.

0410 Physiology, human and animal

Subject matter related to the biological functions and activities of human and animal organisms under normal and abnormal conditions.

0411 Microbiology

Subject matter related to the morphology, physiology, metabolism, and growth of microorganisms such as viruses, fungi, aerobic and anaerobic bacteria, antitoxins, antibiotics, antigens, and bacteriophage, and their effects on other organisms.

0412 Anatomy

Subject matter related to the structure of a living organism or any of its parts.

0413 Histology

Subject matter related to the minute structures of plant and animal tissues as discernible with a microscope.

0414 Biochemistry

Subject matter related to the chemical composition and processes of living matter and biological phenomena.

0415 Biophysics

Subject matter related to the application of physical principles and methods to the structure, composition, and processes of living matter and biological phenomena.

0416 Molecular biology

Subject matter related to the living organism at the molecular level, giving consideration to such things as molecular structure and processes, metabolic energy, respiration, photosynthesis, DNA, and RNA.

0417 Cell biology (cytology, cell physiology)

Subject matter related to the morphology, structure, and composition of cells, cell irritability and sensitivity to stimuli, cell division, cell movement, cell colonies, and so forth.

0418 Marine biology

Subject matter related to the structure, composition, life processes, functions, and interrelationships of salt water.

0419 Biometrics and biostatistics

Subject matter related to the measurements and statistics used in connection with living matter in all its forms and biological phenomena.

0420 Ecology

Subject matter related to the spacing, interdependence, and relations between organisms and their environments.

0421 Entomology

Subject matter related to the biology of insect life.

0422 Genetics

Subject matter related to the heredity and variation of organisms, and to the mechanisms by which these are affected.

0423 Radiobiology

Subject matter related to the interaction of biological systems and radiant energy or radioactive materials.

0424 Nutrition, scientific (excludes nutrition in home economics and dietetics)

Subject matter related to the biochemical and physiological processes by which plants and animals take in, absorb, and transport food substances for promoting and sustaining life processes.

- 0425 Neurosciences  
Subject matter related to the nervous system(s) of living matter.
- 0426 Toxicology  
Subject matter related to the symptoms and detection, antidotes, and effects of poisons and other harmful substances on living matter.
- 0427 Embryology  
Subject matter related to the origin, formation, development, growth, structure, and functions of an embryo.
- 0428 Fresh-water biology  
Subject matter related to the structure, composition, and life processes of freshwater organisms.
- 0429 Parasitology  
Subject matter related to the structure, composition, and life processes of plant and animal parasites.
- 0430 Phylogeny  
Subject matter related to the evolution of a genetically related group of organisms as distinguished from the development of an individual organism.

- 0431 Anthropobiology (physical anthropology)  
Subject matter related to the structure, composition, life processes, and evolution of prehistoric-, ancient-, and modern-world human beings.
- 0432 Developmental biology  
Subject matter related to processes and events in biological development, including growth, cellular differentiation, and morphogenesis.
- 0433 Behavioral biology  
Subject matter related to the ways in which an organism responds to stimuli, its activity or change in relation to the environment, conditioning tropisms, irritability, and innate and learned behavior.
- 0434 Biological taxonomy  
Subject matter related to the nomenclature and classification of plants, animals, and other biological phenomena, and the logic and method of such classification.
- 0499 Other, specify  
Subject matter concerned with an area(s) of biological sciences not adequately reflected in the above specialties.

0500 BUSINESS, COMMERCE, AND MANAGEMENT

*Subject matter designations which characterize students, faculty, facilities, and instruction, research and public services activities related to the attitudes, organization, operation, administration, and control of private and public organizations.*

0501 Business and commerce, general

Subject matter concerned with the development of attitudes, knowledge, skills, and understanding related to business principles and practices having applications in the world of business and commerce.

0502 Accounting

Subject matter concerned with the principles, procedures, and theory of organizing, maintaining, and auditing business and financial transactions.

0503 Business statistics

Subject matter concerned with the collection, classification, analysis, interpretation, and presentation of quantitative facts and data that relate to and provide insights into business activities.

0504 Banking and finance

Subject matter related to the financial sector of the economy and the internal and external financial operations of business enterprises, financial lending and/or investment firms, and other governmental or nongovernmental organizations and agencies.

0505 Investments and securities

Subject matter concerned with sources of capital, types of securities, methods of financing, principles of investing, policies of investing, and kinds of financial and investment institutions.

0506 Business management and administration

Subject matter concerned with management functions, policies, interrelationships, and practical experiences required for decision making, policy formulation, and implementing and carrying out plans of action.

0507 Operations research

Subject matter related to the application of mathematical and analytical techniques (for example, models, programming, forecasting, analysis) in the design, implementation, monitoring, and control of organizational processes and operations to determine their purpose, their effectiveness, and means for attaining maximum efficiency.

0508 Hotel, institutional, and restaurant management

Subject matter related to specialized management techniques required in the lodging and food service industries.

0509 Marketing and purchasing

Subject matter concerned with analyzing the market for a product or service, planning and developing a product or service, determining the most appropriate distribution channels, pricing the product or service, and promoting it; and with purchasing, storing, and distributing a product or service.

0510 Transportation and public utilities

Subject matter related to the economic characteristics, activities, regulations, roles, and management of various forms of transportation and public utilities and their supporting services.

0511 Real estate

Subject matter related to the buying, selling, appraising, renting, managing, and leasing of real property.

0512 Insurance

Subject matter concerned with the principles of personal and/or business insurance and their application in such things as life, disability, property, and liability underwriting.

0513 International business

Subject matter related to export sales, trade controls, foreign operations, attitudes, monetary problems, and other areas of concern in the international business environment as it affects or is affected by a company's policies, procedures, and products.

0514 Secretarial studies

Subject matter concerned with making, classifying, and filing records (including written communications), taking and transcribing dictation, operating a variety of office machines, and expediting and facilitating the operations of an office.

0515 Personnel management

Subject matter related to the methods, principles, procedures, and understandings necessary for job evaluation, motivation, labor relations, work environments, leadership, and personality.

0516 Labor and industrial relations

Subject matter concerned with understanding public and private labor movements; interpreting federal and state legislation; comprehending the functions and responsibilities related to labor relations boards; and understanding union contracts and labor negotiation, conciliation, arbitration, and grievance procedures.

0517 Business economics

Subject matter concerned with the production, distribution, and consumption of goods and services related to business enterprises, and with means for analyzing and assessing the effects various public and private policies have on businesses and the economy.

0518 Credit and collections

Subject matter concerned with the theories, principles, legal constraints, and techniques related to granting and collecting credit; with the economic significance of credit and collections; and with the relationship of credit and collections to sales and profit objectives.

0599 Other, specify

Subject matter concerned with some business, commerce, and/or management area not reflected adequately in the specialties listed.

## 0600 COMMUNICATIONS

*Subject matter designations which characterize students, faculty, facilities, and instruction, research, and public service activities related to the collection, preparation, and presentation of ideas and information intended for popular consumption through the mass media.*

### 0601 Communications, general

Subject matter related to developing attitudes, knowledge, understanding, and skills concerned with communicating particular points of view, information, and so forth through the mass media.

### 0602 Journalism (printed media)

Subject matter related to the knowledge and skills necessary for reporting, writing, photographing, editing, and publishing information through the mass media.

### J603 Radio/television

Subject matter related to the knowledge and skills appropriate for commercial and noncommercial broadcasting and telecasting.

### 0604 Advertising

Subject matter related to the planning, development, and distribution of advertising materials to describe or present a product, organization, idea, and so forth.

### 0605 Communication media (use of videotape, films, etc., specifically oriented toward radio/television)

Subject matter related to the development and use of videotape, films, and so forth in the radio and/or television fields.

0699 Other, specify

Subject matter concerned with some other area of communications  
not reflected adequately in the specialties listed.

0700 COMPUTER AND INFORMATION SCIENCES

*Subject matter designations which characterize students, faculty, facilities, and instruction, research, and public services activities having to do with the design, development, application, and maintenance of computer capabilities for data storage, data manipulation, and related computational procedures.*

0701 Computer and information sciences, general

Subject matter concerned with providing a general overview and background in the computer and information sciences.

0703 Data processing

Subject matter concerned with the applications of computer and information sciences for the management of such areas as manufacturing, distribution, marketing, merchandising, education, and research.

0704 Computer programming

Subject matter concerned with such things as processors, programming languages, supervisory systems, utility programs, and so forth.

0706 Artificial intelligence

Subject matter concerned with the applications of computer and information sciences for such things as induction and hypothesis formulation; learning and adaptive systems; problem solving; simulation of natural systems; and so forth.

0707 Information storage and retrieval

Subject matter concerned with the applications of computer and information sciences for such things as content analysis, evaluation of systems, file maintenance, searching, and so forth.

0708 Processing equipment operation

Subject matter related to the operation of electrical/mechanical equipment either independently, in support of, and/or auxiliary to, the computer.

0799 Other, specify

Subject matter concerned with an area(s) of computer and information sciences not reflected adequately in the specialties listed.

0800 EDUCATION

*Subject matter designations which characterize students, faculty, facilities, and instruction, research, and public service activities related to educational activities, programs, and operations. The emphasis is the education and training of teachers of particular topics or types of students rather than instruction related to specific subject matter areas.*

0801 Education, general

Subject matter related to providing a general discussion of the potential growth, sequence, and management activities associated with education and the activities and services it can provide.

0802 Elementary education, general

Subject matter related to the educational activities, programs, and operations of the period of formal education beginning in childhood and ending with adolescence, commonly including grades one to six.

0803 Secondary education, general

Subject matter related to the educational activities, programs, and operations of the period of formal education planned especially for young people (usually between the ages of twelve and seventeen years, inclusive), commonly including grades seven to twelve.

0804 Junior high school education

Subject matter related to the educational activities, programs, and operations of secondary education that happen between elementary education and senior high school education, commonly including grades seven and eight, and often including grade nine.

0805 Higher education, general

Subject matter related to those educational activities, programs, and operations that occur after secondary education that generally are aimed toward baccalaureate or more advanced degree levels.

0806 Junior and community college education

Subject matter related to those educational activities, programs, and operations that occur after secondary education that generally are aimed toward degrees, diplomas, or certificates at less than baccalaureate levels.

0807 Adult and continuing education

Subject matter concerned with organized and sequential learning experiences designed to meet the needs of adults whose principal occupations have ceased to be those of students.

0808 Special education, general

Subject matter related to educational activities, programs, and operations designed to meet the needs of students who deviate so far physically, mentally, emotionally, or socially from the relatively homogeneous group of so-called "normal" students that the standard curriculum is not suitable (for example, students who are mentally retarded, gifted, deaf, visually handicapped, culturally disadvantaged, speech impaired, emotionally disturbed).

0809 Administration of special education

Subject matter concerned with the development, organization, and management of facilities, staff, students, and other resources of special education activities, programs, and operations.

0810 Education of the mentally retarded

Subject matter related to educational activities, programs, and operations designed to meet the needs of students who are mentally handicapped.

0811 Education of the gifted

Subject matter related to educational activities, programs, and operations designed to meet the needs of students who are intellectually and/or artistically gifted.

0812 Education of the deaf

Subject matter related to educational activities, programs, and operations designed to meet the needs of students who have a significant or total loss of hearing.

0813 Education of the culturally disadvantaged

Subject matter related to educational activities, programs, and operations designed to meet the assimilation and other physical, mental, and emotional needs of students whose educational development is retarded by social, cultural, or economic deprivation.

0814 Education of the visually handicapped

Subject matter related to educational activities, programs, and operations designed to meet the needs of students who have a significant or total loss of sight.

0815 Speech correction

Subject matter concerned with the causes and treatment of speech difficulties through the use of organized and sequential learning experiences and activities.

0816 Education of the emotionally disturbed

Subject matter related to educational activities, programs, and operations designed to meet the needs of students who are emotionally maladjusted.

0817 Remedial education

Subject matter related to educational activities, programs, and operations intended to overcome wholly or in part any particular deficiency of a student not due to inferior general ability (for example, remedial reading, remedial mathematics).

0818 Special learning disabilities

Subject matter concerned with the theory, diagnosis, and remediation of learning disabilities due to a combination of physical, emotional, social, and cultural deficiencies.

0819 Education of the physically handicapped

Subject matter related to educational activities, programs, and operations designed to meet the needs of students with various physical disabilities.

0820 Education of the multiple handicapped

Subject matter related to educational activities, programs, and operations designed to meet the needs of students with multiple disabilities (for example, individuals with visual and hearing impairments).

0821 Social foundations (history and philosophy of education)

Subject matter concerned with an analysis of the social values, forces, and policies in a culture, as they influence the history, aims, philosophies, methods, content, issues, and problems of that culture's educational enterprise.

0822 Educational psychology (include learning theory)

Subject matter concerned with the investigation of psychological problems involved in education, the application of psychological principles to education, and the determination of the nature of teaching.

0823 Pre-elementary education

Subject matter related to educational activities, programs, and operations designed for young children (usually between the ages of three and five years), commonly including nursery school and kindergarten.

0824 Educational statistics and research

Subject matter concerned with the design, execution, and evaluation of research studies and statistics related to education.

0825 Education testing, evaluation and measurement

Subject matter concerned with such things as aptitude, intelligence, vocational interest, and personality tests and their uses in measuring, appraising, and evaluating students and educational activities, programs, and operations.

0826 Student personnel (counseling and guidance)

Subject matter related to services, primarily of a consultative nature, concerned with the total welfare of the student (for example, educational and vocational counseling, student organization coordination services).

0827 Educational administration

Subject matter concerned with developing, planning, administering, controlling, managing, and evaluating educational activities, programs, and operations.

0828 Educational supervision

Subject matter concerned with providing leadership, organization, and management to instructors and other educational personnel for the purpose of improving instruction.

0829 Curriculum and instruction

Subject matter concerned with designing educational activities and programs and providing for their instruction for the purpose of facilitating learning.

0830 Reading education

Subject matter concerned with methodology and theory related to the instruction of reading.

0831 Art education

Subject matter concerned with methodology and theory related to the instruction of art.

0832 Music education

Subject matter concerned with methodology and theory related to the instruction of music.

0833 Mathematics education

Subject matter concerned with methodology and theory related to the instruction of mathematics.

0834 Science education

Subject matter concerned with methodology and theory related to the instruction of science.

0835 Physical education

Subject matter concerned with methodology and theory related to the instruction of physical education.

0836 Driver and safety education

Subject matter concerned with methodology and theory related to the instruction of driver and safety education.

0837 Health education (include family life education)

Subject matter concerned with methodology and theory related to the instruction of health education, including family life education.

0838 Business, commerce, and distributive education

Subject matter concerned with methodology and theory related to the instruction of business, commerce, and/or distributive education.

0839 Industrial arts, vocational, and technical education

Subject matter concerned with methodology and theory related to the instruction of industrial arts, vocational and technical education.

- 0840 Home economics, agriculture, and related education  
Subject matter concerned with methodology and theory related to the instruction of home economics, agriculture, and related education.
- 0841 Foreign language education  
Subject matter concerned with methodology and theory related to the instruction of foreign languages.
- 0842 Vocational rehabilitation education  
Subject matter concerned with methodology and theory related to preparing disabled persons for remunerative employment through diagnosis, guidance, physical restoration, training, and placement.
- 0843 Comparative education  
Subject matter concerned with the comparison of educational theories and practices in different countries for the purpose of broadening and deepening understanding of educational problems beyond the boundaries of one's own country.
- 0844 Educational experimentation  
Subject matter concerned with innovative educational practices, particularly those involving techniques and procedures different from those commonly used in current educational activities and programs, possibly based on an essentially different philosophy of education.

0845 Educational technologies

Subject matter concerned with providing a background in the use of various technologies and their relationship to instructional activities, programs, and operations (for example, audio/visual instruction, computer-aided instruction, computer-managed instruction).

0899 Other, specify

Subject matter concerned with an area(s) of education not reflected adequately in the specialties listed.

0900 TECHNOLOGY

*Subject matter designations which characterize students, faculty, facilities, and instruction, research, and public service activities having to do with principles and theories related to the application of basic scientific knowledge to the design, planning, development, production, construction, installation, operation, maintenance, repairing, and reconditioning of systems, machines, and other things intended to facilitate man's control and use of the environment.*

0901 Technology, general

Subject matter concerned with providing a general overview of the interrelationships and distinctions related to the various areas of engineering, industrial arts, and other applied sciences.

0902 Aerospace, aeronautical, and astronautical technology, general

Subject matter concerned with such things as the design, development, manufacture, construction, installation, maintenance, and repair of aerospace, aeronautical, and astronautical structural parts, coupling and towing gear, lifting and control members, landing and take-off gear, observing and signalling equipment, propulsion systems, and so forth.

0903 Agricultural technology, general

Subject matter concerned with the application of technology to agricultural problems and with such things as the design, development, manufacture, construction, installation, maintenance, and repair of agricultural machinery, structures, and equipment.

- 0905 Bioengineering and biomedical technology  
Subject matter concerned with applying technological concepts, principles, and practices to human and other living systems.
- 0906 Chemical technology, general  
Subject matter concerned with basic principles and practices related to chemical technology such as general chemical processes, heat transfer, the handling and treatment of liquids and gases, physical and physical-chemical operations, and special chemical processes and treatments.
- 0907 Petroleum technology  
Subject matter concerned with such things as developing processes for refining crude oil, and the design, development, construction, installation, maintenance, and repair of refining plants.
- 0908 Civil, construction, and transportation technology, general  
Subject matter concerned with such things as general construction work; engineering structures; structural elements; calculations; and railway, highway, road, and hydraulic technology.
- 0909 Electrical, electronics, and communications technology, general  
Subject matter concerned with such things as power supply, distribution, and control; applied electrochemistry, cells, and batteries; thermo-electricity; electric and electromagnetic waves, oscillations, and pulses; electronics, photocells, and discharge tubes; and telecommunication.

0910 Mechanical technology, general

Subject matter concerned with such things as the design, development, manufacture, construction, installation, maintenance, and repair of mechanically functioning equipment.

0911 Geological technology

Subject matter concerned with the application of technology to geological problems (for example, mechanical, physical, and chemical-geological methods such as drilling, coring, and soil and gas analysis).

0912 Geophysical technology

Subject matter concerned with the application of technology to geophysical problems.

0913 Industrial and management technology, general

Subject matter concerned with methods to promote the efficient, safe, and economic utilization of personnel, materials, and equipment (for example, time and motion studies).

0914 Metallurgical technology

Subject matter concerned with such things as the development and control of processes for extraction of metals from their ores and metal refining; research into properties of metals; development of new alloys; and design, construction, installation, maintenance, and repair of metal and alloy manufacturing and processing plants.

0915 Materials technology, general

Subject matter concerned with the physical properties of materials other than metals (for example, plastics and rubbers) and with the effects of these properties on systems and things constructed from the specified materials.

0916 Ceramics and clay technology

Subject matter concerned with such things as designing, developing, and controlling processes and plants for the manufacture of clay- and ceramic-ware, porcelain, china, pottery, and so forth.

0917 Textile and cordage technology

Subject matter concerned with such things as designing, developing, and controlling processes and plants for the manufacture of plant or vegetable fibers, animal hairs, mineral fibers, synthetic fibers, cordage, trimmings, fabrics, and so forth.

0918 Mining and mineral technology, general

Subject matter concerned with such things as the extraction from the earth and preparation for distribution or processing of minerals.

0919 Applied physics

Subject matter concerned with the technological applications of knowledge about matter and energy and their interactions.

0920 Nuclear technology

Subject matter concerned with such things as the design, development, manufacture, construction, installation, maintenance, and repair of mechanical plants and equipment for the release, control, and utilization of nuclear energy.

0921 Applied mechanics

Subject matter concerned with the technological applications of knowledge about such things as kinematics, statics, dynamics, gravitation, friction, mechanical energy, and so forth; fluid mechanics; and gas mechanics.

0922 Environmental and sanitary technology, general

Subject matter concerned with such things as water supply and water works; drainage and sewerage; water purification; sewage disposal and sanitation; and industrial waste disposal and sanitation.

0923 Naval architecture and marine technology, general

Subject matter concerned with such things as the design, development, manufacture, construction, installation, maintenance, and repair of ships and their propulsion systems, power plants, heating and ventilating systems, steering gear, pumps, and other mechanical and electrical equipment.

0924 Ocean technology, general

Subject matter concerned with such things as the design, development, manufacture, construction, installation, maintenance, and repair of fixed underwater structures (for example, off-shore oil drilling platforms).

0926 Land and road vehicle technology, general

Subject matter concerned with such things as the design, development, manufacture, construction, installation, maintenance, and repair of primitive and simple conveyances, animal-drawn vehicles, mechanically propelled (motor) vehicles, cycles, motor cycles, scooters, and so forth.

0927 Military technology, general

Subject matter concerned with such things as the design, development, manufacture, construction, installation, maintenance, and repair of ordnance (for example, guns, small arms, ammunition, war gases).

0928 Steam, hydraulic, and pneumatic energy technology

Subject matter concerned with such things as the design, development, manufacture, construction, installation, maintenance, and repair of stationary steam engines, steam boilers, hydraulic turbines, pneumatic apparatus and machines, refrigerating machines, heat pumps, and so forth.

- 0929 Internal combustion and other special engine technology  
Subject matter concerned with such things as the design, development, manufacture, construction, installation, maintenance, and repair of internal combustion, piston, rocket, and jet engines; gas turbines; and so forth.
- 0930 Fluid distribution technology  
Subject matter concerned with such things as the design, development, manufacture, construction, installation, maintenance, and repair of fluid containers, pipes, closures, pumps, and so forth.
- 0931 Workshop practice, general  
Subject matter concerned with metal- and plastic-working techniques such as pattern and die making; forge and hammer work; foundry work; tool making, gauging, fitting, and assembling; rolling, drawing, working (in solid state) sheets and sections; heat treatment; welding and allied techniques; and so forth.
- 0932 Packing and dispatch technology  
Subject matter concerned with such things as the design, development, manufacture, construction, installation, maintenance, and repair of packing containers, accessories, and so forth.

0933 Machining technology

Subject matter concerned with such things as roughing, planing, shaping, slotting, abrading, grinding, polishing, crushing, sawing, turning, drilling, reaming, perforating, shearing, hammering, screw cutting, and so forth.

0934 Traffic planning

Subject matter concerned with such things as the routing and control of traffic to promote safety and minimize congestion.

0935 Special chemicals technology

Subject matter concerned with such things as designing, developing, and controlling processes and plants for the manufacture of sulphur and compounds, potassium and sodium compounds, halogens, halides, nitrogen compounds, and so forth.

0936 Explosives technology

Subject matter concerned with such things as designing, developing, and controlling processes and plants for the manufacture of fireworks, pyrotechnics, high explosives, gunpowders, detonators, matches, and so forth.

0937 Fuels, heating, and combustion technology

Subject matter concerned with such things as designing, developing, and controlling processes and plants for the manufacture of bituminous coal, liquid fuels, briquettes, and so forth.

0938 Beverages technology

Subject matter concerned with such things as designing, developing, and controlling processes and plants for the manufacture of wines, beers, distilled liquors, carbonated beverages, and so forth.

0939 Stimulants, tobacco, and narcotics technology

Subject matter concerned with such things as designing, developing, and controlling processes and plants for the manufacture of coffee, cocoa, tea, tobacco, opium, hashish, and so forth.

0940 Food technology

Subject matter concerned with such things as designing, developing, and controlling processes and plants for the manufacture of sugar, starches, spices, condiments, and so forth.

0941 Preservation technology

Subject matter concerned with such things as designing, developing, and controlling processes and plants for the manufacture of fruit, vegetable and, synthetic substances for the preservation of food products.

0942 Oils, fats, and waxes technology

Subject matter concerned with such things as designing, developing, and controlling processes and plants for the manufacture of animal oils, fats, and waxes; vegetable oils, fats, waxes, and phosphatides; mineral oils and waxes; and so forth.

0943 Glass technology

Subject matter concerned with such things as designing, developing, and controlling processes and plants for the manufacture of glass, glassware, enamels, and so forth.

0944 Gypsum, lime, cement, and allied technology

Subject matter concerned with such things as designing, developing, and controlling processes and plants for the manufacture of gypsum, lime, cement, mortar, concrete, and so forth.

0945 Color, dye, and paint technology

Subject matter concerned with such things as designing, developing and controlling processes and plants for the manufacture of dyestuffs, writing inks, printing inks, paints, varnishes, lacquers, and so forth.

0946 Various organic chemical technology

Subject matter concerned with such things as designing, developing, and controlling processes and plants for the manufacture of soaps, glycerin, adhesives, cosmetics, and so forth.

0947 Precious metal and gem technology

Subject matter concerned with such things as designing, developing, and controlling processes and plants for the manufacture of gold and silver objects (for example, coins, medals), the cutting and setting of gems, and so forth.

0948 Iron and steel goods technology

Subject matter concerned with such things as designing, developing, and controlling processes and plants for the manufacture of cutlery, chains, anchors, tin-ware, pins, needles, and so forth.

0949 Nonferrous metal goods technology

Subject matter concerned with such things as designing, developing, and controlling processes and plants for the manufacture of copper-, brass-, and bronze-ware, and so forth.

0950 Timber and woodwork technology

Subject matter concerned with such things as designing, developing, and controlling processes and plants for the manufacture of lattice-work, barrels, casks, kegs, nousehold and kitchen articles, cork, and so forth.

0951 Leather technology

Subject matter concerned with such things as designing, developing, and controlling processes and plants for the manufacture of leather (for example, the tanning, dressing, and dyeing of leather).

0952 Paper and pulp technology

Subject matter concerned with such things as designing, developing, and controlling processes and plants for the manufacture of pulp; writing, printing, and drawing papers; wallpaper; cardboard; and so forth.

0953 Macromolecular materials technology

Subject matter concerned with such things as designing, developing, and controlling processes and plants for the manufacture of rubber, plastic, and so forth.

0954 Stone technology

Subject matter concerned with such things as designing, developing, and controlling processes and plants for the manufacture of natural building stones, and so forth.

0955 Various natural processable materials technology

Subject matter concerned with such things as designing, developing, and controlling processes and plants for the manufacture of amber, meerschaum, coral, mother-of-pearl, and so forth.

0956 Precision mechanisms, apparatus, machines, and instruments technology

Subject matter concerned with such things as designing, developing, and controlling processes and plants for the manufacture of wheel mechanisms, clockwork, weighing machines, optical apparatus, musical instruments, and so forth.

0957 Smithery, farriery, and hand-forged ironwork technology

Subject matter concerned with such things as designing, developing, and controlling processes and plants for the manufacture of horseshoes, forged tools, furnishing ironwork, building ironwork, and so forth.

- 0958 Ironmongery and hardware technology  
Subject matter concerned with such things as designing, developing, and controlling processes and plants for the manufacture of locks, lanterns, stoves, and so forth.
- 0959 Upholstering  
Subject matter concerned with such things as furniture, automobile seats, casket linings, mattresses, and bedsprings.
- 0960 Saddlery, footwear, and gloves technology  
Subject matter concerned with such things as designing, developing, and controlling processes and plants for the manufacture of saddles, harnesses, spurs, boots, shoes, gloves, and so forth.
- 0961 Travel, sport, games, and other equipment technology  
Subject matter concerned with such things as designing, developing, and controlling processes and plants for the manufacture of trunks, suitcases, tents, sleeping bags, umbrellas, balls, rackets, bats, climbing and mountaineering equipment, cards, dice, games equipment, and so forth.
- 0962 Bookbinding technology  
Subject matter concerned with such things as designing, developing, and controlling processes and plants for the manufacture of book bindings, casings, and so forth.

0963 Picture frame and mirror technology

Subject matter concerned with such things as designing, developing, and controlling processes and plants for the manufacture of picture frames, mirrors, and so forth.

0964 Writing, drawing, and artists' materials technology

Subject matter concerned with such things as designing, developing, and controlling processes and plants for the manufacture of stationery, pens, pencils, rulers, staples, and so forth.

0965 Clothing technology

Subject matter concerned with such things as designing, developing, and controlling processes and plants for the manufacture of suits, trousers, dresses, skirts, underwear, stockings, overcoats, and so forth.

0966 Fancy and decorative goods technology

Subject matter concerned with such things as designing, developing, and controlling processes and plants for the manufacture of small cases, caskets, holders, handbags, artificial flowers, toys, wall decorations, pipes, ashtrays, and so forth.

0967 Metal fabrication

Subject matter concerned with fabricating, erecting, and repairing building frames and ornamental metalwork, bridges, trestles, marine craft and structures, boilers, storage tanks, drilling

rigs, towers, and other structures generally assembled from heavy structural plates, beams, and castings; with assembling vehicle bodies, airframes, prefabricated door casings and window frames, air ducts, and other structural units assembled from stock or preformed sheet metal and structural shapes; and with assembling or repairing boats, automobile bodies, and other structural units partially or entirely constructed of rigid plastics or fiberglass.

0968 Welding, flame cutting, and related work

Subject matter concerned with joining, surfacing, or otherwise fabricating or repairing structures or parts, using gas or electric welding, soldering, or brazing equipment with or without filler material; with fusing to join or shape lead products or parts, using a gas torch; and with cutting or perforating metal, using gas or electric cutting equipment.

0969 Electrical assembling, installing, and repairing

Subject matter concerned with assembling, installing, erecting, and repairing electrical equipment and related structures designed for electric power generation, transmission, and distribution; with communication, signaling, and object detection; with process control, fire control, and data processing; with transportation and materials-handling; with heating, air conditioning, refrigeration, and illumination; and with other industrial, commercial, and domestic electrical applications.

- 0970 Painting, plastering, waterproofing, cementing, and related work  
Subject matter concerned with preparing surfaces to be covered; with mixing coating ingredients; with erecting scaffolding; and with applying protective or decorative materials, such as cement, concrete, lacquer, paint, plaster, and wallpaper, to structural surfaces by spraying, brushing, troweling, or hand-pressing.
- 0971 Excavating, grading, paving, and related work  
Subject matter concerned with operating heavy earth-moving equipment in removal and placement of earth materials and grading earth surfaces; with laying concrete and other hard-surface paving materials in highway, airport, and related construction; with building surface or subsurface drainage systems and pipelines; and with related activities including blasting, haulage, and pick-and-shovel work.
- 0972 Carpentry (excludes millworking and cabinetmaking)  
Subject matter concerned with the layout, fabrication, assembly, installation, and repair of structural units; the care and use of hand and power tools, equipment, and materials; and common systems of frame construction.
- 0973 Masonry (includes bricklaying)  
Subject matter concerned with the cutting, chipping, and fixing in position of concrete, brick, and glass blocks using bonding materials and hand tools.

0974 Plumbing and pipefitting

Subject matter concerned with pipecutting, bending, and threading so that layout, assembly, installing, altering, and repairing piping systems, including related fixtures and fittings, will be handled efficiently and effectively.

0975 Glazing

Subject matter concerned with preparing, fitting, and installing glass in structures and other openings of buildings.

0976 Roofing

Subject matter concerned with covering roofs and exterior walls of structures with waterproofing or insulating materials.

0977 Other structural work

Subject matter concerned with an area(s) of structural work not reflected adequately in the specialties listed.

0978 Drafting

Subject matter concerned with gathering and translating data or specifications, including the aspects of planning, preparing, and interpreting mechanical, architectural, structural, pneumatic, marine, electrical/electronic, topographical, and other drawings and sketches.

0979 Surveying

Subject matter concerned with determining and identifying the shape, contour, location, and dimensions of land or land features.

0999 Other, specify

Subject matter concerned with an area(s) of technology not reflected adequately in the specialties listed.

## 1000 FINE AND APPLIED ARTS

*Subject matter designations which characterize students, faculty, facilities, and instruction, research, and public service activities having to do with the creation and appreciation of the diverse modes of communicating ideas and emotions by means of stylized, visual, and nonvisual representations and symbols.*

### 1001 Fine arts, general

Subject matter concerned with providing a general overview of the visual, space, tactile, and kinesthetic means of artistic expression.

### 1003 Art history and appreciation

Subject matter concerned with the history, role, and significance of visual arts in relation to human affairs and with providing an understanding and appreciation of various art forms

### 1006 Music history and appreciation (musicology)

Subject matter concerned with the history, role, and significance of music in relationship to human affairs and with providing an understanding and appreciation of various musical forms.

### 1007 Dramatic arts

Subject matter concerned with the development, production, performance, adaptation, and interpretation of drama.

### 1008 Dance

Subject matter concerned with the development, techniques, composition, and choreography of dance.

1010 Cinematography

Subject matter concerned with the act, process, or art of motion picture production.

1011 Photography

Subject matter concerned with the act, process, or art of setting up, taking, and developing images on a sensitized surface by the action of light or other radiant energy.

1012 Applied photography

Subject matter concerned with applications of photography for home, commercial, and industrial uses (for example, photocopying, photomicrography, ultraviolet and infrared photography, electrophotography).

1013 Holography

Subject matter concerned with the theory, process, or art of such things as interferometers, transmission holograms, and reflection and rainbow holograms.

1014 Photomechanical printing processes

Subject matter concerned with the act, process, or art of photomechanical printing (for example, photolithography, photoengraving).

1015 Engraving and printing

Subject matter concerned with the act, process, or art of engraving and printing (for example, relief engraving, woodcuts, intaglio engraving, etching, flat printing, lithography).

1016 Painting

Subject matter concerned with the act, process, or art of graphic expression in which objects are represented and in which ideas and feelings are given form by laying pigments on a surface with a brush or other implement.

1017 Drawing and sketching

Subject matter concerned with the act, process, or art of depicting objects and ideas on a surface with pencil, crayon, pen, brush, or other graphic means.

1018 Sculpture and plastic arts

Subject matter concerned with the act, process, or art of depicting objects and ideas in three dimensions by carving, cutting, or otherwise processing plastic or hard materials, and with changing malleable materials into art products through such things as modeling and molding (for example, stone and metal cutting and engraving, numismatics, pottery).

1019 Architecture

Subject matter concerned with the aesthetics of structures.

1020 Applied music

Subject matter concerned with the performance of tonal sequences and combinations (for example, vocal, instrumental).

- 1021 Music composition  
Subject matter concerned with the creation and arrangement of tonal sequences and combinations.
- 1022 Music theory  
Subject matter concerned with such things as the principles of music and its foundations.
- 1023 Industrial and commercial design  
Subject matter concerned with the act, process, or art of designing objects for commercial and industrial uses (for example, automobiles, furniture, utensils).
- 1024 Minor arts and crafts (industrial and domestic)  
Subject matter concerned with the creation of such things as decorative, ornamental, and art handicrafts; art needlework and needlecrafts; industrial crafts; and so forth.
- 1025 Public entertainment  
Subject matter concerned with the act, process, or art of entertaining the public (for example, equilibrists, ventriloquists, clowns, conjurers).
- 1026 Art restoration  
Subject matter concerned with the theory, act, or process of maintaining and restoring art works (for example, painting restoration).

1027 Modeling and standing-in

Subject matter concerned with posing for painters and photographers, and standing-in for actors and actresses, including stunt men and women.

1099 Other, specify

Subject matter concerned with an area(s) of fine and applied arts not reflected adequately in the specialties listed.

## 1100 FOREIGN LANGUAGES

*Subject matter designations which characterize students, faculty, facilities, and instruction, research, and public service activities related to mastery of a language other than English or related to the study of a foreign culture through exploration of the literature of that culture as expressed in the vernacular language.*

### 1101 Foreign languages, general

Subject matter concerned with providing a general overview of the languages, literatures, and cultures of people who speak (or spoke) languages other than English.

### 1102 French

Subject matter related to the language, literature, and culture of French-speaking people.

### 1103 German

Subject matter related to the language, literature, and culture of German-speaking people.

### 1104 Italian

Subject matter related to the language, literature, and culture of Italian-speaking people.

### 1105 Spanish

Subject matter related to the language, literature, and culture of Spanish-speaking people.

- 1106 Russian  
Subject matter related to the language, literature, and culture of Russian-speaking people.
- 1107 Chinese  
Subject matter related to the language, literature, and culture of Chinese-speaking people.
- 1108 Japanese  
Subject matter related to the language, literature, and culture of Japanese-speaking people.
- 1109 Latin  
Subject matter related to the language, literature, and culture of Latin-speaking people.
- 1110 Greek, classical  
Subject matter related to the language, literature, and culture of Greek-speaking people in classical times.
- 1111 Hebrew  
Subject matter related to the language, literature, and culture of Hebrew-speaking people.
- 1112 Arabic  
Subject matter related to the language, literature, and culture of Arabic-speaking people.

1113 Indian (Asiatic) languages

Subject matter related to the language, literature, and culture of Indian-language-speaking peoples of Asia (for example, Hindi, Urdu, Bengali).

1114 Scandinavian languages

Subject matter related to the language, literature, and culture of Scandinavian-language-speaking peoples (for example, Danish, Icelandic, Norwegian, Swedish).

1115 Slavic languages (other than Russian)

Subject matter related to the language, literature, and culture of Slavic-language-speaking peoples other than Russians (for example, Ukrainian, Polish, Czech, Bulgarian).

1116 African languages (non-Semitic)

Subject matter related to the language, literature, and culture of African-language-speaking peoples (for example, Egyptian, Coptic, Berber, Swahili).

1117 Portuguese

Subject matter related to the language, literature, and culture of Portuguese-speaking people.

1118 Greek, modern

Subject matter related to the language, literature, and culture of Greek-speaking people in the modern world.

1119 Indian (American) languages

Subject matter related to the language, literature, and culture of Indian-language-speaking peoples of North, Central, and South America (for example, Navajo, Sioux, Quechua).

1120 Artificial languages

Subject matter concerned with reading, writing, conversing, and other skills related to artificial languages (for example, Esperanto, Volapük).

1199 Other, specify

Subject matter concerned with an area(s) of foreign language not reflected adequately in the specialties listed.

## 1200 HEALTH SERVICES

*Subject matter designations which characterize students, faculty, facilities, and instruction, research, and public service activities having to do with the maintenance and restoration of physical and mental health.*

### 1201 Health services, general

Subject matter concerned with diagnostic, therapeutic, preventive, restorative, and rehabilitative services related to personal, school, and community health.

### 1202 Hospital and health care administration

Subject matter concerned with planning, organizing, directing, and managing the staff, finances, and facilities of a hospital or other health care facility.

### 1203 Nursing, general

Subject matter concerned with providing care for sick, disabled, infirm, or other individuals by such things as administering medications and treatments, assisting a physician during treatment, and examining patients.

### 1204 Dentistry, general

Subject matter concerned with providing care for the oral region, its associated structures, and the hard and soft tissues of the mouth.

1206 Medicine, general

Subject matter concerned with such things as diagnosing disorders, preventing infection or disease, preserving an individual's health, and easing pain caused by a disease, injury, or illness.

1208 Occupational therapy

Subject matter concerned with medically oriented vocational, educational, recreational, or other activities designed to rehabilitate physically or mentally disabled persons.

1209 Optometry

Subject matter concerned with being able to test, determine defects, and prescribe corrective means for decreasing deficiencies in an individual's vision.

1210 Osteopathic medicine

Subject matter concerned with diagnosing and treating disorders of bones, muscles, blood vessels, and other tissues of the body primarily by manipulative methods.

1211 Pharmacy

Subject matter concerned with the preparation, preservation, compounding, use, effect, and dispensation of drugs.

1212 Physical therapy and rehabilitation

Subject matter concerned with the treatment of such things as diseases, sprains, fractures, paralysis, and circulatory and nervous disorders by physical and mechanical means (for example, massage, regulated exercise, water, light, heat, and electricity).

1213 Dental hygiene

Subject matter concerned with providing oral prophylaxis, applying medication, and providing dental health education services.

1214 Public health

Subject matter concerned with the philosophy, concepts, and principles of public health and the relationship of these understandings to planning and coordinating health service needs of communities.

1215 Medical record librarianship

Subject matter concerned with medical terminology, anatomy and physiology, coding and indexing, medical record sciences, and so forth, for the establishment, continuation, or maintenance of efficient and effective health records.

1216 Podiatry or podiatric medicine

Subject matter concerned with the care and treatment of the human foot in health and disease.

1218 Veterinary medicine, general

Subject matter concerned with the care and treatment of animals in health, injury, and disease.

1220 Speech pathology and audiology

Subject matter concerned with the nature of speech diseases and disorders and with the nature of hearing.

1221 Chiropractic

Subject matter concerned with relieving disorders believed due to abnormal functions of the nervous system by manipulation and treatment of the structures of the body, especially those of the spinal column.

1222 Clinical social work (medical and psychiatric and specialized rehabilitation services)

Subject matter concerned with medical, psychiatric, and specialized rehabilitation services as means for involving individuals and groups of a community in activities designed to improve their social conditions, health, and welfare.

1223 Medical laboratory technologies

Subject matter concerned with clinical laboratory experiences (for example, hematology, serology, chemistry, microbiology) related to principles and procedures necessary in medical laboratory work.

- 1224 Dental laboratory technologies  
Subject matter concerned with clinical laboratory experiences related to principles and procedures necessary in dental laboratory work.
- 1225 Radiology  
Subject matter concerned with radioactive substances, x-rays, and other ionizing radiations and with their utilization in the diagnosis and treatment of disease.
- 1226 Dental public health  
Subject matter concerned with the control and prevention of dental disease and the promotion of oral health through organized community efforts.
- 1227 Endodontics  
Subject matter concerned with the causes, diagnoses, prevention, and treatment of diseases of the pulp and other dental tissues which affect the vitality of teeth.
- 1228 Oral pathology  
Subject matter concerned with the nature of diseases of the mouth, through study of their causes, processes, and effects.
- 1229 Oral surgery  
Subject matter concerned with a broad scope of diagnostic, operative, and related services dealing with diseases, injuries, and defects in the jaws and associated structures.

1230 Orthodontics

Subject matter concerned with tooth and oral structure development, including the treatment of problems related to irregular dental development, missing teeth, and other abnormalities in order to establish normal functioning and appearance.

1231 Pedodontics

Subject matter concerned with the treatment of the oral region of children, adolescents, and young adults whose dental development is not complete.

1232 Periodontology

Subject matter concerned with the treatment of diseases which affect the oral mucous membranes as well as other structures which surround and support the teeth.

1233 Prosthodontics

Subject matter concerned with replacing missing natural teeth and associated structures with fixed or removable substitutes.

1234 Dental assisting

Subject matter concerned with providing assistance to a supervising dentist in administering appropriate dental care and treatment.

1235 Aerospace medicine

Subject matter concerned with integrating and applying the fundamentals of medicine and the basic sciences to aerospace travel, including such things as biological problems peculiar to aerospace travel and the adaptation of individuals to the conditions of aerospace travel.

1236 Anesthesiology

Subject matter concerned with administering local and general anesthetics to produce a loss of sensation.

1237 Dermatology

Subject matter concerned with the skin, its structures, functions, diseases, and their treatment.

1238 Forensic medicine

Subject matter concerned with the relation and application of medical facts to legal problems (for example, the presentation of autopsy findings in murder trials).

1239 General practice/family practice

Subject matter concerned with prevention, diagnosis, and treatment of diseases and injuries that commonly occur in the general population, and with referral of cases to appropriate medical specialists.

- 1240 Internal medicine  
Subject matter concerned with the nonsurgical treatment of diseases.
- 1241 Neurology  
Subject matter concerned with the anatomy, physiology, and pathology of the nervous system.
- 1242 Obstetrics and gynecology  
Subject matter concerned with the care of women during pregnancy, labor, and the puerperium and with the diseases of women, especially those affecting the sexual organs.
- 1243 Ophthalmology  
Subject matter concerned with the anatomy, physiology, and diseases of the eye.
- 1244 Otorhinolaryngology  
Subject matter concerned with the anatomy, physiology, functions, and diseases of the ear, larynx, and nose, and usually with visual examinations performed through the mouth.
- 1245 Pathology, general  
Subject matter concerned with the nature of disease, including its causes, its processes, its effects, and the associated alternations of structure and function.

- 1246 Neuropathology  
Subject matter concerned with the pathology of diseases of the nervous system.
- 1247 Pediatrics, general  
Subject matter concerned with children's diseases.
- 1248 Pediatric allergy  
Subject matter concerned with children's allergies (that is, altered reaction capacities to specific substances that cause no symptoms of hypersensitivity in the nonsensitive).
- 1249 Pediatric cardiology  
Subject matter concerned with children's heart disorders.
- 1250 Preventive medicine, general  
Subject matter concerned with preventing disease, prolonging life, and promoting physical and mental health and efficiency.
- 1251 Psychiatry, general  
Subject matter concerned with the treatment of diseases of the mind.
- 1252 Child psychiatry  
Subject matter concerned with the treatment of diseases of children's minds.

- 1253 Surgery, general  
Subject matter concerned with diseases, injuries, and so forth, requiring operative procedures, including manipulation.
- 1254 Colon and rectal surgery  
Subject matter concerned with operative procedures for dealing with diseases, injuries, and so forth of the colon and rectum.
- 1255 Neurological surgery  
Subject matter concerned with operative procedures for dealing with diseases, injuries, and so forth of the nervous system.
- 1256 Orthopedic surgery  
Subject matter concerned with corrective treatment of deformities, diseases, and ailments of the locomotor apparatus, whether by instruments or devices, manipulation, or open operation.
- 1257 Plastic surgery  
Subject matter concerned with the repair or restoration of absent or defective tissue by transference of tissue from another part or person.
- 1258 Thoracic surgery  
Subject matter concerned with diseases, injuries, and so forth of the chest which require operative procedures, including manipulation.

1259 Urology

Subject matter concerned with the study and treatment of the diseases and abnormalities of the urogenital tract in the male and the urinary tract in the female.

1260 Medical assisting

Subject matter concerned with providing assistance to a supervising physician in administering appropriate medical care and treatment.

1261 Veterinary public health

Subject matter concerned with the health of an animal population, including such things as controlling communicable diseases and advancing hygiene.

1262 Veterinary toxicology

Subject matter concerned with the nature and effects of animal poisons, their detection, and treatment of their effects.

1263 Laboratory animal medicine

Subject matter concerned with experimental work related to animal medicine.

1264 Theriogenology

Subject matter concerned with animal breeding.

- 1265 Veterinary internal medicine  
Subject matter concerned with the nonsurgical treatment of animal diseases.
- 1266 Veterinary microbiology  
Subject matter concerned with the nature, life, and actions of microorganisms pertaining to animals.
- 1267 Veterinary ophthalmology  
Subject matter concerned with the anatomy, physiology, and diseases of animals' eyes.
- 1268 Veterinary pathology  
Subject matter concerned with the nature of animal diseases, including their causes, their processes, their effects, and the associated alterations of structures and functions.
- 1269 Veterinary radiology  
Subject matter concerned with radioactive substances, x-rays, and other ionizing radiations, and with their utilization in the diagnosis and treatment of animal diseases and injuries.
- 1270 Veterinary surgery  
Subject matter concerned with animal diseases, injuries, and so forth, requiring operative procedures, including manipulation.

1271 Veterinary anesthesiology

Subject matter concerned with administering local and general anesthetics to produce a loss of sensation in animals.

1272 Veterinary medical assisting

Subject matter concerned with providing assistance to a supervising veterinary physician in administering appropriate medical care and treatments.

1273 Inhalation therapy

Subject matter concerned with operating and maintaining equipment used in supporting respiratory functions, including the administration of oxygen and other sustaining gases.

1274 Orthotics and prosthetics

Subject matter concerned with making and fitting orthopedic appliances and with making artificial limbs, external organs or parts, and so forth.

1275 Electrodiagnostics

Subject matter concerned with operating electrical equipment which provides data via monitors about changes in a body's physical structure (for example, brain disorders, heart ailments).

1276 Blood bank technology

Subject matter concerned with establishing and maintaining a reserve stock of whole blood or plasma, obtained from suitable donors, and stored under refrigeration.

1277 First aid

Subject matter concerned with emergency treatment given to a casualty before regular medical or surgical care can be administered.

1278 Safety education

Subject matter concerned with understanding and being able to function at optimum levels in the presence of the hazards of every day living.

1279 General and personal health and hygiene

Subject matter concerned with understanding and influencing attitudes and practices related to individual, family, and community health.

1280 Mental health

Subject matter concerned with such things as aging, autism, alcoholism, drug abuse, epilepsy, mental retardation, and so forth.

1281 Mortuary science

Subject matter concerned with performing and embalming preparations for interment in conformity with legal requirements.

1282 Acupuncture

Subject matter concerned with using needles to puncture specified areas of the skin in order to cure illness.

1299 Other, specify

Subject matter concerned with an area(s) of health services not reflected adequately in the specialties listed.

1300 HOME ECONOMICS

*Subject matter designations which characterize students, faculty, facilities, and instruction, research, and public service activities having to do with the theory and practice of family and home care, including the science of foods, home decoration and management, and child care.*

1301 Home economics, general

Subject matter concerned with knowledge, understanding, attitudes, and skills related to improving individual, household, and family ways of living.

1302 Home decoration and home equipment

Subject matter concerned with the characteristics of design and their functional application to decorating and equipping homes to fit the economic and aesthetic needs of an individual, household, and/or family.

1303 Clothing and textiles

Subject matter concerned with the principles and concepts of clothing and textiles as related to their selection, characteristics, design, construction, use, and care.

1304 Consumer economics and home management

Subject matter concerned with such things as buying and using goods and services, the consumer's relationship to the economic system, and effective management of a household's resources.

- 1305 Family relations and child development  
Subject matter concerned with the nature, functions, and significance of human relationships in the family, and with the physical, mental, emotional, and social growth and development of children.
- 1306 Foods and nutrition (include dietetics)  
Subject matter concerned with the principles, processes, and techniques of food preparation and the fundamentals of nutrition which affect human growth and health maintenance.
- 1308 Child care and guidance  
Subject matter concerned with the principles, processes, and techniques of attending and guiding children.
- 1309 Geriatric care  
Subject matter concerned with the principles, processes, and techniques of attending aged people.
- 1399 Other, specify  
Subject matter concerned with an area(s) of home economics not reflected adequately in the specialties listed.

1400 LAW

*Subject matter designations which characterize students, faculty, facilities, and instruction, research, and public service activities in the legal customs, practices, and rules of society and states for the purpose of pursuing a career in jurisprudence.*

1401 Law, general

Subject matter concerned with fostering and developing attitudes, ethical standards, reasoned decision-making capabilities, fundamental legal principles, and analytical and technical knowledge and abilities concerned with legal procedures and jurisprudence.

1402 Comparative law

Subject matter concerned with the comparison of legal theory and practice in different states, countries, and so forth, for the purpose of broadening and deepening understanding of legal and jurisprudence problems.

1403 International law

Subject matter concerned with international law and jurisprudence (for example, international or world organization, private international law, diplomatic law, consular law).

1404 Public law

Subject matter concerned with such things as the rights, liberties, freedoms, and guarantees secured to citizens and societies; electoral law and systems; authorities and powers; the state and its various forms; and so forth.

1405 Criminal law

Subject matter concerned with criminal justice, investigation, and law; penal offenses; and penology.

1406 Private law

Subject matter concerned with such things as rights, juridical acts and persons in general; realty laws; bonds, contracts, and agreements; torts; family law; hereditary law; and so forth.

1407 Commercial law

Subject matter concerned with such things as commercial transactions, business concerns, and persons transacting business; financial law; commercial contracts; maritime law; air, ether, and broadcasting law; and so forth.

1408 Legal procedures and organizations

Subject matter concerned with such things as civil proceedings; judiciary personnel; the organization and administration of justice, and civil courts and tribunals.

1499 Other, specify

Subject matter concerned with an area(s) of law not reflected adequately in the specialties listed.

1500 LETTERS

*Subject matter designations which characterize students, faculty, facilities, and instruction, research, and public service activities having to do with English language arts and literature.*

1501 English, general

Subject matter concerned with providing the verbal skills used in communicating and expressing ideas and with developing control and proficiency in the use of the English language through such things as reading, oral and written language, speech, spelling, handwriting, and so forth.

1502 Literature, English

Subject matter concerned with art forms written in English, especially those which have high quality and style (for example, poetry, prose).

1503 Comparative literature

Subject matter concerned with the comparison of varying forms of literature on a common basis (for example, on the basis of social history, conventions, religious thought, and so forth).

1504 Classics

Subject matter concerned with works or writings that are outstanding artistically, especially those of ancient Greece and Rome.

- 1505 Linguistics (include phonetics, semantics, and philology).  
Subject matter related to the science of language (for example, orthography, lexicography, phonetics).
- 1506 Speech, debate, and forensic science (rhetoric and public address)  
Subject matter concerned with such things as formal presentations of arguments on both sides of a question, the art of expressive speech or literary composition, and public address.
- 1507 Creative writing  
Subject matter concerned with composition involving some degree of spontaneity and exercise of the imagination on the part of the writer (for example, short stories, verse, drama).
- 1508 Teaching of English as a foreign language  
Subject matter concerned with the study of the language, literature, and culture of English-speaking people by individuals whose mother tongue is not English.
- 1511 Composition (exclude creative writing)  
Subject matter concerned with the act or art of selecting, combining, arranging, and developing ideas, and expressing them in appropriate written and/or spoken form.

1599 Other, specify

Subject matter concerned with an area(s) of letters not reflected adequately in the specialties listed.

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## 1600 LIBRARY, ARCHIVAL, AND MUSEUM SCIENCES

*Subject matter designations which characterize students, faculty, facilities, and instruction, research, and public service activities having to do with the attitudes, knowledge, and skills required to initially organize and/or maintain collections of books, audio-visual materials, public records, historical documents, and other related items with maintaining museums, galleries, and related exhibits; and with the training necessary for providing services related to these activities.*

### 1601 Library science, general

Subject matter concerned with the development of attitudes, knowledge, and skills needed to organize, administer, and maintain a library and its supporting services.

### 1602 Archival science, general

Subject matter concerned with the development of attitudes, knowledge, and skills needed to collect, evaluate, systematize, preserve, and make available for reference public records and documents of historical significance.

### 1603 Museum and related administration

Subject matter concerned with the administration of museums, art galleries, and botanical and zoological gardens, and with the performance of related services including activities in collecting, authenticating, preserving, maintaining, exhibiting, and furnishing information on collections of historical, artistic, scientific, or technological significance or of general public interest.

1699 Other, specify

Subject matter concerned with an area(s) of library, archival, and museum sciences not reflected adequately in the specialties listed.

## 1700 MATHEMATICS

*Subject matter designations which characterize students, faculty, facilities, and instruction, research, and public service activities having to do with the science of numbers and space configurations and their operations, measurement, relationships, and abstractions.*

### 1701 Mathematics, general

Subject matter concerned with the principles, interrelationships, and distinctions of various fields of mathematics.

### 1702 Statistics, mathematical and theoretical

Subject matter concerned with the collection, classification, analysis, and interpretation of numerical facts or data as a basis for induction and inference.

### 1703 Applied mathematics (theoretical applications)

Subject matter concerned with the application of mathematics to other subject areas such as computer and information sciences, psychology, and so forth (for example, numerical analysis, metatheory, combinatorial and discrete mathematics).

### 1704 Arithmetic

Subject matter concerned with the existing relations among and methods of computing with numbers.

1705 Algebra

Subject matter concerned with the use of symbolic representation for consideration of the relationships between the numbers of a given number field and the results of operations on these numbers in accordance with accepted mathematical postulates.

1706 Geometry

Subject matter concerned with the properties, relations, and measurement of spatial configurations.

1707 Trigonometry

Subject matter concerned with the properties of triangles and the relations between sides and angles of triangles, and with their applications.

1708 Calculus

Subject matter concerned with infinitesimal changes among related quantities or with those relationships among quantities implied by interdependent infinitesimal changes in the quantities.

1709 Special methods of calculation

Subject matter concerned with the theory, act, or process of using computing aids (for example, slide rules, calculators).

1799 Other, specify

Subject matter concerned with an area(s) of mathematics not reflected adequately in the specialties listed.

## 1800 MILITARY SCIENCES

*Subject matter designations which characterize students, faculty, facilities, and instruction and research activities having to do with techniques and skills related to military sciences.*

### 1801 Military science (Army)

Subject matter concerned with the development of good citizenship, patriotism, reliance, responsiveness to constituted authorities, and knowledge of basic military skills related to the U.S. Army (for example, organization, leadership, hygiene, first aid, weapons, history, tactics).

### 1802 Naval science (Navy, Marines)

Subject matter concerned with the development of good citizenship, patriotism, reliance, responsiveness to constituted authority, and knowledge of basic military skills related to the U.S. Navy and the U.S. Marines (for example, organization, leadership, hygiene, first aid, weapons, history, tactics).

### 1803 Aerospace science (Air Force)

Subject matter concerned with the development of good citizenship, patriotism, reliance, responsiveness to constituted authority, and knowledge of basic military skills related to the U.S. Air Force (for example, organization, leadership, hygiene, first aid, weapons, history, tactics).

1804 Coastal science (Coast Guard)

Subject matter concerned with the development of good citizenship, patriotism, reliance, responsiveness to constituted authority, and knowledge of basic military skills related to the U.S. Coast Guard (for example, organization, leadership, hygiene, first aid, weapons, history, tactics).

1899 Other, specify

Subject matter concerned with an area(s) of military sciences not reflected adequately in the specialties listed.

## 1900 PHYSICAL SCIENCES

*Subject matter designations which characterize students, faculty, facilities, and instruction, research, and public service activities having to do with the basic nature and interrelationships of matter, energy, and associated phenomena.*

### 1901 Physical sciences, general

Subject matter concerned with natural laws, properties, and processes related to energy and nonliving matter.

### 1902 Physics, general (excludes biophysics)

Subject matter concerned with matter and energy and with their interactions in such fields as acoustics, atomic structure, electricity, heat, magnetism, mechanics, nuclear phenomena, and optics.

### 1903 Molecular and atomic physics

Subject matter concerned with matter and energy and with their interactions as they relate to atoms and molecules.

### 1904 Nuclear physics

Subject matter concerned with matter and energy and with their interactions as they relate to atomic nuclei and subatomic particles.

- 1905 Chemistry, general (excludes biochemistry)  
Subject matter concerned with the composition, structure, properties, and transformations of substances and various elementary forms of matter, and with the transformations that they undergo.
- 1906 Inorganic chemistry  
Subject matter concerned with the composition, structure, and properties of noncarbon compounds, and with the transformations that they undergo.
- 1907 Organic chemistry  
Subject matter concerned with the composition, structure, and properties of carbon compounds, and with the transformations that they undergo.
- 1908 Physical chemistry  
Subject matter concerned with the relations between the physical properties of substances and their chemical compositions, structures, properties, and transformations.
- 1909 Analytical chemistry  
Subject matter concerned with the units, instruments, limits of errors, potential uses, analyses, and so forth, associated with various substances and elementary forms of matter.

1910 Pharmaceutical chemistry

Subject matter concerned with the preparation, testing, analysis, transformations, and so forth of drugs and related substances.

1911 Astronomy

Subject matter concerned with such things as the observation, calculation, and theoretical interpretation of the position, dimension, distribution, motion, composition, and evolution of celestial bodies and phenomena.

1912 Astrophysics

Subject matter concerned with the physical and chemical constitution of celestial bodies and with the interaction between matter and radiation in the interior of celestial bodies and in interstellar space.

1913 Atmospheric sciences and meteorology

Subject matter concerned with the chemical and physical properties of the mass of air surrounding the earth and with its phenomena including such things as property interrelationships, and transformations related to the weather and climate, humidity, temperature, atmospheric pressure, air masses, clouds, precipitation, and so forth.

1914 Geology

Subject matter concerned with the physical composition, structure, and history of the earth or celestial bodies (for example, the moon), with the rocks of which they are composed; and with the processes related to changes in solid matter.

1915 Geochemistry

Subject matter concerned with the chemical composition of and chemical changes in the crust of the earth.

1916 Geophysics, general

Subject matter concerned with the physics of geological phenomena.

1917 Earth sciences, general

Subject matter concerned with the earth, its origin, its composition, and any of its changing aspects.

1918 Paleontology

Subject matter concerned with the life of past geological periods as known from fossil remains.

1919 Oceanography

Subject matter concerned with the physics, chemistry, biology, and geology of oceans and their phenomena.

1920 Metallurgy

Subject matter concerned with the chemical and physical properties of metals.

1921 Mineralogy

Subject matter concerned with minerals, their crystallography, physical and chemical properties, classification, and the ways of distinguishing them.

1922 Hydrology

Subject matter concerned with the properties, distribution, and circulation of water on the surface of the land, in the soil and underlying rocks, and in the atmosphere.

1923 Seismology

Subject matter concerned with the physical properties of earthquakes and with artificially produced vibrations of the earth.

1924 Volcanology

Subject matter concerned with the physical properties of volcanoes and volcanic phenomena.

1999 Other, specify

Subject matter concerned with an area(s) of physical sciences not reflected adequately in the specialties listed.

## 2000 PSYCHOLOGY

*Subject matter designations which characterize students, faculty, facilities, and instruction, research, and public service activities having to do with behavioral and mental processes.*

### 2001 Psychology, general

Subject matter concerned with human and animal behavior and with the mental states and processes of a person or a group of persons.

### 2002 Experimental psychology (animal and human)

Subject matter concerned with analyzing phases of animal and human behavior through the use of laboratory techniques.

### 2003 Clinical psychology

Subject matter concerned with applying psychology to define the behavior capacities and personality characteristics of an individual or group of individuals through methods of measurement, analysis, and observation; to make recommendations about how to manage the individual(s); and to perform educational, counseling, and psychotherapeutic procedures.

### 2004 Psychology for counseling

Subject matter concerned with counseling an individual with personal and/or social problems through giving and interpreting psychological tests and through performing therapy.

2005 Social psychology

Subject matter concerned with the behavior of groups; with the influence of the group(s) on attitudes, emotions, and personality development; and with social interaction.

2006 Psychometrics

Subject matter concerned with measuring and analyzing psychological data about such things as mental traits, abilities, and processes.

2008 Industrial psychology

Subject matter concerned with potential and actual business applications of psychological techniques, instruments, findings, and principles (for example, occupational ability testing).

2209 Developmental psychology

Subject matter concerned with the course or progressive stages of behavior in childhood and adolescence, including the phases of growth and of decline.

2010 Physiological psychology

Subject matter concerned with such things as morphological, neurochemical, and physiological bases of behavior.

2011 Abnormal psychology

Subject matter concerned with abnormal behavior, mental processes, and reactions to situations which usually involve conflict between the intellect and the emotions (for example, disorders and aberrations, mental deficiency, hypochondria).

2012 Special mental conditions

Subject matter concerned with unusual mental conditions and phenomena (for example, hypnotism, psychic and parapsychic phenomena, depth psychology).

2013 Creativity

Subject matter concerned with such things as associative and ideational fluency, originality, adaptive and spontaneous flexibility, and ability to make logical evaluations.

2014 Astrology

Subject matter concerned with attempting to predict the influence of the positions, aspects, and movement of heavenly bodies on human behavior and terrestrial events.

2099 Other, specify

Subject matter concerned with an area(s) of psychology not reflected adequately in the specialties listed.

## 2100 PUBLIC AFFAIRS AND SERVICES

*Subject matter designations which characterize students, faculty, facilities, and instruction, research, and public service activities related to developing and improving competencies in the management and operation of governmental agencies and organizations.*

### 2101 Community services, general

Subject matter concerned with planning, coordinating, and operating activities aimed at maintaining and improving the social conditions in a locality.

### 2102 Public administration

Subject matter concerned with the theories, concepts, organization, techniques, and roles of administration in international, national, state, regional, and local governments.

### 2103 Parks and recreation management

Subject matter concerned with the principles involved in developing park and recreation programs having specific objectives and means of evaluation.

### 2104 Social work and helping services (other than clinical social work)

Subject matter concerned with providing an understanding of means for involving individuals and groups of a community in activities designed to improve their social conditions and welfare.

2105 Law enforcement and corrections

Subject matter concerned with understanding the theories, functions, technical aspects, and nature of the United States judicial system; and with the organizational and administrative structures, personnel and records management, budgeting, staffing, planning, research, and public relations related to law enforcement and corrections.

2106 International public service (other than diplomatic service)

Subject matter concerned with planning, organizing, implementing, and evaluating various services and activities targeted primarily for operation in lands external to the United States.

2107 Fire protection

Subject matter concerned with fighting fires; with inspecting fire-fighting equipment, factories, places of amusement, and other establishments to detect unsafe conditions; and with recommending improvements or repairs which will reduce fire hazards.

2108 Citizenship

Subject matter concerned with the rights and responsibilities of United States citizenship and with means for becoming a citizen of the United States.

2109 Civil service preparation

Subject matter concerned with preparation for civil service examinations.

2199 Other, specify

Subject matter concerned with an area(s) of public affairs  
and services not reflected adequately in the specialties  
listed.

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2200 SOCIAL SCIENCES

*Subject matter designations which characterize students, faculty, facilities, and instruction, research, and public service activities having to do with all aspects of the past and present activities, conduct, interactions, and organizations of humans.*

2201 Social sciences, general

Subject matter concerned with the characteristics of family, state, or race, and with the relations and institutions involved in man's existence and well-being as a member of an organized community.

2202 Anthropology

Subject matter concerned with normative and historical man, and his cultural, environmental, and social development and relationships.

2203 Archaeology

Subject matter concerned with material remains (for example, fossil relics, artifacts, monuments) of past human life and activities.

2204 Economics

Subject matter concerned with limited resources; with the production, distribution, and consumption of goods and services; and with the social phenomena arising from economic activities.

2205 History

Subject matter concerned with such things as recording, gathering, criticizing, synthesizing, and interpreting evidence about past events.

2206 Geography

Subject matter concerned with the earth and its life (for example, the description of land, sea, air, and the distribution of plant and animal life including man and his industries).

2207 Political science and government

Subject matter concerned with the description and analysis of political institutions and processes and with the origin, development, geographical units, forms, sources of authority, powers, purposes, functions, and operations of government.

2208 Sociology

Subject matter concerned with society, social institutions, and social relationships, including such things as the development, purposes, structures, and functions of human groups.

2209 Criminology

Subject matter concerned with the causes of crime and methods of detecting and/or dealing with crime and the criminal, including crime statistics, theories of punishment, and the role of law enforcement in society as an agent for the prevention and treatment of crime.

2210 International relations

Subject matter concerned with the political, economic, and social interactions and connections among nations and sovereign states.

2211 Afro-American (black culture) studies

Subject matter concerned with providing an understanding and appreciation of the black experience through studies in such areas as communications, economics, education, history, humanities, psychology, language, sociology, and political science.

2212 American Indian cultural studies

Subject matter concerned with providing an understanding and appreciation of the American Indian experience through studies in such areas as communications, economics, education, religion, history, humanities, psychology, language, sociology, and political science.

2213 Mexican-American cultural studies

Subject matter concerned with providing an understanding of the Mexican-American experience through studies in such areas as communications, economics, education, history, humanities, psychology, language, sociology, and political science.

2214 Urban studies

Subject matter concerned with the interaction of a city environment, its inhabitants, and those people surrounding the city, including an analytical and critical examination of the structure and function of city life and the development of concepts with which to understand urban problems.

2215 Demography

Subject matter concerned with vital social statistics, including such things as births, deaths, marriages, and education rates of populations.

2216 Asian-American cultural studies

Subject matter concerned with providing an understanding and appreciation of the Asian-American experience through studies in such areas as communications, economics, education, history, humanities, psychology, language, sociology, and political science.

2217 Women's studies

Subject matter concerned with providing an understanding and appreciation of the female experience through studies in such areas as communications, economics, education, history, humanities, psychology, language, sociology, and political science.

2299 Other, specify

Subject matter concerned with an area(s) of social sciences not reflected adequately in the specialties listed.

2300 THEOLOGY

*Subject matter designations which characterize students, faculty, facilities, and instruction, research, and public service activities related to preparation and training for a religious vocation.*

2301 Theological professions, general

Subject matter concerned with providing a knowledge, understanding, and appreciation of divine things or religious truth for entrance into the ministry.

2302 Religious music

Subject matter concerned with the history, theory, and appropriate applications of religious music in past and present religious activities; with evaluating the role of sacred music in religion; and with providing opportunities for gaining experience and training in the performance of religious music.

2303 Biblical languages

Subject matter concerned with languages, vocabulary, and passages used in the Old and New Testaments of the Bible.

2304 Religious education

Subject matter concerned with the organization, leadership, stewardship, financial aspects, program planning, counseling of individuals, and sense of social responsibility involved in supervising the operation of a church or group of churches, or of some other organization that coordinates or administers religious services and activities.

2305 Ecclesiastical and canonical law

Subject matter concerned with laws of various religions, churches, and so forth (for example, Roman Catholic canonical law).

2306 Non-Christian religions and cults

Subject matter concerned with preparing individuals for entrance into non-Christian religious vocations (for example, Buddhism, Judaism, Mohammedanism).

2399 Other, specify

Subject matter concerned with an area(s) of theology not reflected adequately in the specialties listed.

2500 PHILOSOPHY

*Subject matter designations which characterize students, faculty, facilities, and instruction, research, and public service activities related to investigating the most general facts and principles of reality and of human nature and conduct.*

2501 Metaphysics

Subject matter concerned with ontology (the science of being) and cosmology (the science of the fundamental causes and processes in things).

2502 Logic

Subject matter concerned with the normative formal principles of reasoning and the principles and standards of validity in thought and demonstration.

2503 Ethics

Subject matter concerned with the ideal human character and the ideal ends of human action.

2504 Aesthetics

Subject matter concerned with the study of taste and with theories of beauty, its essential character, the tests by which it may be recognized or judged, and its characteristic relation to or effect upon the human mind.

2505 History of philosophy

Subject matter concerned with recording and explaining significant events related to philosophy.

2506 Religious studies (exclude theological professions)

Subject matter concerned with the nature, function, origin, history, and tenets of various religions or religious literatures for informational, inspirational, or moral purposes.

2599 Other, specify

Subject matter concerned with an area(s) of philosophy not reflected adequately in the specialties listed.

## 2600 PHYSICAL EDUCATION AND RECREATION

*Subject matter designations which characterize students, faculty, facilities, and instruction, research, and public service activities designed to promote desirable physical development, motor skills, attitudes, and habits of conduct, and to further recreational leisure-time pursuits.*

### 2601 Adapted physical education

Subject matter concerned with planned, diversified, and highly personalized physical activities suited to the special needs of individuals having atypical physical, mental, and/or behavioral conditions of temporary or enduring nature, and who may not safely or successfully participate unrestrictedly in the vigorous activities of regular instructional programs of physical education.

### 2602 Aquatics

Subject matter concerned with activities such as swimming, diving, lifesaving, synchronized swimming, water games, handling small crafts, skin and scuba diving, water-skiing, and surfing.

### 2603 Body dynamics

Subject matter concerned with planned physical activities based primarily on an individual's special needs and desires for self-discovery, self-evaluation, self-direction, and self-management in maintaining, motivating, and improving his/her general level of total fitness and achievement of better performance in special tasks and in daily living (for example, conditioning exercises, fundamental movements, individual self-testing events, posture education, yoga).

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2604 Group games, contests, and relays

Subject matter concerned with planned developmental activities which provide opportunities for physical interactions among students in either cooperative or competitive situations.

2605 Individual and dual sports

Subject matter concerned with planned physical activities, with high carry-over possibilities for lifetime use, generally involving participation by one or two individuals competing against one or two other individuals in the same activity according to predetermined rules (for example, archery, badminton, bowling, fencing, golf, handball, tennis, track and field, wrestling).

2606 Stunts, tumbling, and gymnastics

Subject matter concerned with the performance of formal movements in various combinations and the creation of new movements while participating in activities such as balancing, building pyramids, and performing novel antics and actions as an individual, with a partner, or in a group.

2607 Team sports

Subject matter concerned with planned physical activities involving relatively complex rules and strategy in which success is partially determined by the degree of group cooperation in competing successfully against comparable opponents in the same activity according to predetermined rules (for example, baseball, basketball, cross country, curling, field hockey, football, ice hockey, lacrosse, soccer, softball, volleyball, water polo).

2608 Outdoor recreation

Subject matter concerned with out-of-door diversions which are usually noncompetitive (for example, camping, climbing, cycling, fishing, hunting, ice skating, mountaineering, riding, snow skiing).

2609 Self-defense

Subject matter concerned with developing skills related to defending oneself (for example, karate, judo, aikido).

2610 Games of thought and chance

Subject matter concerned with developing skills related to doing such things as playing board or table games (for example, chess, go, backgammon), gambling, and playing cards (for example, bridge, canasta).

2699 Other, specify

Subject matter concerned with an area(s) of physical education and recreation not reflected adequately in the specialties listed.

## 2700 SERVICE

*Subject matter designations which characterize students, faculty, facilities, and instruction, research, and public service activities having to do with performing tasks in and around private households and with serving individuals in institutions and in commercial and other types of establishments.*

### 2701 Food and beverage preparation and service

Subject matter concerned with preparing foods and beverages and with serving them to patrons of such establishments as hotels, clubs, restaurants, and cocktail lounges (for example, hostessing and stewarding; waitering, waitressing, and related food serving; bartending; cooking; and meatcutting, except in slaughtering and packing houses).

### 2702 Barbering, cosmetology, and related service

Subject matter concerned with rendering beauty and/or related treatments to individuals (for example, barbering, manicuring, hairdressing and cosmetology, making-up, massaging, embalming).

### 2703 Other personal service

Subject matter concerned with an area(s) of personal service not reflected adequately in the specialties listed.

### 2704 Animal service

Subject matter concerned with boarding, breeding, plucking, grooming, cleaning, training, or treating animals in such environments as kennels, veterinary hospitals, zoos, and pets' beauty salons.

2705 Apparel and furnishings service

Subject matter concerned with improving the appearance of and repairing clothing, furnishings, and accessories (for example, laundering, dry cleaning, pressing, dyeing, shoe and luggage repairing, shoe shining).

2706 Building and related service

Subject matter concerned with the cleaning and upkeep of building interiors and the conveying of passengers and freight by elevator.

2707 Guarding and watching

Subject matter concerned with guarding property from illegal entry, fire, and theft, and enforcing safety regulations.

2708 Telecommunication service

Subject matter concerned with the operation of such things as telephones and telegraphs for the purpose of facilitating communications.

2709 Career development service

Subject matter concerned with an overview of occupations, means for preparing oneself for various occupations, and techniques for getting oneself hired.

2799 Other, specify

Subject matter concerned with an area(s) of service not reflected adequately in the specialties listed.

2800 SPECIAL COMMUNICATION

*Subject matter designations which characterize students, faculty, facilities, and instruction, research, and public service activities having to do with special means of thought.*

2801 Dactylology

Subject matter concerned with communicating ideas by signs made with the fingers (for example, manual alphabets of deaf-mutes).

2802 Braille

Subject matter related to the system of printing or transcribing for the blind in which the characters are represented by tangible points or dots.

2803 Lip reading

Subject matter concerned with catching words or meanings of a speaker by watching the movements of the lips without hearing the speaker's voice.

2804 Codes

Subject matter related to a system of signals for communication by telegraph, flags, lanterns, and so forth (for example, Morse code, continental code, semaphores).

2805 Cryptography

Subject matter concerned with the act or art of writing in secret characters, ciphers, or codes (for example, substitution cipher, transposition cipher).

2806 Pantomime

Subject matter concerned with significant gesticulation or facial expression.

2899 Other, specify

Subject matter concerned with an area(s) of special communication not reflected adequately in the specialties listed.

## 2900 TRANSPORTATION EQUIPMENT OPERATION

*Subject matter designations which characterize students, faculty, facilities, and instruction, research, and public service activities having to do with driver education, and freight and passenger transportation equipment operation.*

### 2901 Driver education, general

Subject matter concerned with the safe and efficient operation of motor vehicles.

### 2902 Truck driving

Subject matter concerned with transporting cargo over highways, city streets, or within compounds of industrial, construction, or mining areas, by driving vehicles powered by gasoline, diesel, propane, or related fuels, or electricity.

### 2903 Railroad transportation, general

Subject matter concerned with transporting passengers and freight by controlling the movement of trains, trolleys, and other railway vehicles; with collecting fares from passengers and giving information; with supplying fuel; with adjusting alignment of tracks; with signaling operational information; with shifting railway cars in classification yards; with cleaning and lubricating equipment; and with related activities.

2904 Railroad conducting

Subject matter concerned with directing the activities of crews on trains carrying passengers, freight, and/or mail.

2905 Water transportation, general

Subject matter concerned with conveying passengers and cargo by controlling the movement of ships, boats, and other vessels; with securing vessels in docks; with opening and closing canal locks; and with related activities.

2906 Water transportation, management and operation

Subject matter concerned with managing and operating vessels, including the technical supervision of marine operations for a group of vessels; with administrative and technical responsibility for the operation, maintenance, and safety of a passenger or cargo vessel; with the planning and supervision of operations and maintenance in the deck and engine departments of a vessel; with administration of business affairs aboard a vessel, such as purchasing, disbursing, and ensuring compliance with customs and immigration regulations; and with piloting vessels through rivers, straits, and harbors.

2907 Air transportation, general

Subject matter concerned with fueling aircraft; with cooling, heating, and ventilating aircraft; with repacking parachutes; and with related servicing activities.

2908 Air transportation, piloting and navigating

Subject matter concerned with piloting airplanes for the transportation of passengers, freight, mail, and other purposes, such as crop dusting and the testing of new models, and with charting the courses of planes by the use of instruments, charts, celestial observation, and dead reckoning.

2999 Other, specify

Subject matter concerned with an area(s) of transportation equipment operation not reflected adequately in the specialties listed.

## 4900 INTERDISCIPLINARY STUDIES

*Subject matter designations which characterize students, faculty, facilities, and instruction, research, and public service activities involving more than one major subject matter specialty without primary concentration in any one area.*

### 4901 General liberal arts and sciences

Subject matter concerned with several subject matter specialties and designed to provide a general background in the humanities, the social sciences, and the natural sciences to meet a wide variety of educational objectives and needs.

### 4902 Biological and physical sciences

Subject matter concerned with subject matter specialties designed to provide a general background in the biological and physical sciences to meet a wide variety of educational objectives and needs.

### 4903 Humanities and social sciences

Subject matter concerned with subject matter specialties designed to provide a general background in the fine arts, foreign languages, letters, and social sciences to meet a wide variety of educational objectives and needs.

### 4904 Technology and other specialties

Subject matter concerned with the relationship of engineering, industrial arts, and other applied sciences to other subject matter specialties designed to meet a wide variety of educational objectives and needs.

4905 Futuristics

Subject matter concerned with determining what might happen in, and how to affect, the future by considering the interrelationships of various subject matter specialties.

4906 Systems analysis

Subject matter concerned with determining desired or essential ends for an activity (for example, a procedure, a business, a physiological function), and how they may most efficiently be attained.

4907 High school equivalency preparation

Subject matter concerned with preparing an individual to take and pass an high school equivalency examination.

4999 Other, specify

Subject matter concerned with a combination of subject matter specialties not reflected adequately in the specialties listed.

APPENDIX A  
ALPHABETICAL INDEX FOR  
THE PROPOSED TAXONOMY

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2011 Abnormal psychology  
 0502 Accounting  
 1282 Acupuncture  
 2601 Adapted physical education  
 0809 Administration of special education  
 0807 Adult and continuing education  
 0604 Advertising  
 0902 Aerospace, aeronautical, and astronautical technology, general  
 1235 Aerospace medicine  
 1803 Aerospace science (Air Force)  
 2504 Aesthetics  
 1116 African languages (non-Semitic)  
 0305 African studies  
 2211 Afro-American (black culture) studies  
 0110 Agricultural and farm management  
 0112 Agricultural business  
 0111 Agricultural economics  
 0121 Agricultural mechanics  
 0903 Agricultural technology, general  
 0101 Agriculture, general  
 0102 Agronomy (field crops and crop management)  
 2907 Air transportation, general  
 2908 Air transportation, piloting and navigating  
 1705 Algebra  
 2212 American Indian cultural studies  
 0313 American studies  
 1909 Analytical chemistry  
 0412 Anatomy  
 1236 Anesthesiology  
 0104 Animal science (husbandry)  
 2704 Animal service  
 0317 Antarctic area studies  
 2202 Anthropology  
 0431 Anthropobiology (physical anthropology)  
 2705 Apparel and furnishings service  
 1703 Applied mathematics (theoretical applications)  
 0921 Applied mechanics  
 1020 Applied music  
 1012 Applied photography  
 0919 Applied physics  
 2602 Aquatics  
 1112 Arabic  
 2203 Archaeology  
 0202 Architecture  
 1019 Architecture (fine and applied arts)  
 1602 Archival science, general  
 0316 Arctic area studies  
 0318 Area studies, general

1704	Arithmetic
0831	Art education
1003	Art history and appreciation
1020	Art restoration
0706	Artificial intelligence
1120	Artificial languages
2210	Asian-American cultural studies
0301	Asian studies, general
2014	Astrology
1911	Astronomy
1912	Astrophysics
0315	Atlantic area studies
1913	Atmospheric sciences and meteorology
0403	Bacteriology
0504	Banking and finance
2702	Barbering, cosmetology, and related service
0433	Behavioral biology
0938	Beverages technology
2303	Biblical languages
0414	Biochemistry
0905	Bioengineering and biomedical technology
4002	Biological and physical sciences
0434	Biological taxonomy
0401	Biology, general
0419	Biometrics and biostatistics
0415	Biophysics
1276	Blood bank technology
2603	Body dynamics
0402	Botany, general
2802	Braille
2706	Building and related service
0501	Business and commerce, general
0838	Business, commerce, and distributive education
0517	Business economics
0506	Business management and administration
0503	Business statistics
1708	Calculus
2709	Career development service
0972	Carpentry (excludes millworking and cabinetmaking)
0417	Cell biology (cytology, cell physiology)
0916	Ceramics and clay technology

0006 Chemical technology, general  
 1905 Chemistry, general (exclude biochemistry)  
 1308 Child care and guidance  
 1252 Child psychiatry  
 1107 Chinese  
 1221 Chiropractic  
 1010 Cinematography  
 2108 Citizenship  
 0206 City, community, and regional planning  
 0908 Civil, construction, and transportation technology, general  
 2109 Civil service preparation  
 1504 Classics  
 2003 Clinical psychology  
 1222 Clinical social work (medical and psychiatric and specialized  
 rehabilitation services)  
 1303 Clothing and textiles  
 0965 Clothing technology  
 1804 Coastal science (Coast Guard)  
 2804 Codes  
 1254 Colon and rectal surgery  
 0945 Color, dye, and paint technology  
 0123 Commercial fishery  
 1407 Commercial law  
 0605 Communication media (use of videotape, films, etc., specifically  
 oriented toward radio/television)  
 0601 Communications, general  
 2101 Community services, general  
 0843 Comparative education  
 1402 Comparative law  
 1503 Comparative literature  
 1511 Composition (exclude creative writing)  
 0701 Computer and information sciences, general  
 0704 Computer programming  
 1304 Consumer economics and home management  
 1507 Creative writing  
 2013 Creativity  
 0518 Credit and collections  
 1405 Criminal law  
 2209 Criminology  
 2805 Cryptography  
 0829 Curriculum and instruction  
  
 2801 Dactylology  
 0105 Dairy science (husbandry)  
 1008 Dance  
 0703 Data processing  
 2215 Demography  
 1234 Dental assisting

1213	Dental hygiene
1224	Dental laboratory technologies
1226	Dental public health
1204	Dentistry, general
1237	Dermatology
0432	Developmental biology
2009	Developmental psychology
0078	Drafting
1007	Dramatic arts
1017	Drawing and sketching
0836	Driver and safety education
2901	Driver education, general
1917	Earth sciences, general
0302	East Asian studies
0311	Eastern European studies
2305	Ecclesiastical and canonical law
0420	Ecology
2204	Economics
0801	Education, general
0813	Education of the culturally disadvantaged
0812	Education of the deaf
0816	Education of the emotionally disturbed
0811	Education of the gifted
0810	Education of the mentally retarded
0820	Education of the multiple handicapped
0819	Education of the physically handicapped
0814	Education of the visually handicapped
0825	Education testing, evaluation and measurement
0827	Educational administration
0844	Educational experimentation
0822	Educational psychology (include learning theory)
0824	Educational statistics and research
0828	Educational supervision
0845	Educational technologies
0969	Electrical assembling, installing, and repairing
0909	Electrical, electronics, and communications technology, general
1275	Electrodiagnostics
0802	Elementary education, general
0427	Embryology
1227	Endodontics
1501	English, general
1015	Engraving and printing
0421	Entomology
0922	Environmental and sanitary technology, general
0201	Environmental design, general

2503 Ethics  
0310 European studies, general  
0971 Excavating, grading, paving, and related work  
2002 Experimental psychology (animal and human)  
0936 Explosives technology

1305 Family relations and child development  
0966 Fancy and decorative goods technology  
1001 Fine arts, general  
2107 Fire protection  
1277 First aid  
0107 Fish, game, and wildlife management  
0930 Fluid distribution technology  
2701 Food and beverage preparation and service  
0940 Food technology  
1306 Foods and nutrition (include dietetics)  
0841 Foreign language education  
1101 Foreign languages, general  
1238 Forensic medicine  
0114 Forestry  
1102 French  
0428 Fresh water biology  
0937 Fuels, heating, and combustion technology  
4905 Futuristics

2610 Games of thought and chance  
1279 General and personal health and hygiene  
4901 General liberal arts and sciences  
1239 General practice/family practice  
0422 Genetics  
1915 Geochemistry  
2206 Geography  
0911 Geological technology  
1014 Geology  
1706 Geometry  
0912 Geophysical technology  
1916 Geophysics, general  
1309 Geriatric care  
1103 German  
0943 Glass technology  
0975 Glazing  
1110 Greek, classical  
1118 Greek, modern  
2604 Group games, contests, and relays  
2707 Guarding and watching  
0944 Gypsum, lime, cement, and allied technology

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0837 Health education (include family life education)  
 1201 Health services, general  
 1111 Hebrew  
 4907 High school equivalency preparation  
 0805 Higher education, general  
 0413 Histology  
 2505 History of philosophy  
 1013 Holography  
 1302 Home decoration and home equipment  
 0840 Home economics, agriculture, and related education  
 1301 Home economics, general  
 0108 Horticulture (fruit and vegetable production)  
 1202 Hospital and health care administration  
 0508 Hotel, institutional, and restaurant management  
 4903 Humanities and social sciences  
 1922 Hydrology  
 0118 Hydrology and water management

1119 Indian (American) languages  
 1113 Indian (Asiatic) languages  
 2605 Individual and dual sports  
 1023 Industrial and commercial design  
 0913 Industrial and management technology, general  
 0839 Industrial arts, vocational, and technical education  
 2008 Industrial psychology  
 0707 Information storage and retrieval  
 1273 Inhalation therapy  
 1906 Inorganic chemistry  
 0125 Insect and reptile science  
 0512 Insurance  
 0203 Interior design  
 0929 Internal combustion and other special engine technology  
 1240 Internal medicine  
 0513 International business  
 1403 International law  
 2106 International public service (other than diplomatic)  
 2210 International relations  
 0505 Investments and securities  
 0948 Iron and steel goods technology  
 0958 Ironmongery and hardware technology  
 0306 Islamic studies  
 1104 Italian

1108	Japanese
0602	Journalism (printed media)
0806	Junior and community college education
0804	Junior high school education
0516	Labor and industrial relations
1263	Laboratory animal medicine
0926	Land and road vehicle technology, general
0204	Landscape architecture
1109	Latin
0308	Latin American studies
2105	Law enforcement and corrections
1401	Law, general
0951	Leather technology
1408	Legal procedures and organizations
1601	Library science, general
1505	Linguistics (include phonetics, semantics, and philosophy)
2803	Lip reading
1502	Literature, English
2502	Logic
0933	Machining technology
0953	Macromolecular materials technology
0418	Marine biology
0124	Marine life cultivation and related areas
0509	Marketing and purchasing
0973	Masonry (include bricklaying)
0915	Materials technology, general
0833	Mathematics education
1701	Mathematics, general
0910	Mechanical technology, general
1260	Medical assisting
1223	Medical laboratory technologies
1215	Medical record librarianship
1206	Medicine, general
1280	Mental health
0967	Metal fabrication
0914	Metallurgical technology
1920	Metallurgy
2501	Metaphysics
3213	Mexican-American cultural studies
0411	Microbiology
0309	Middle Eastern studies
1801	Military science (Army)
0927	Military technology, general

1921 Mineralogy  
 0918 Mining and mineral technology, general  
 1024 Minor arts and crafts (industrial and domestic)  
 1027 Modeling and standing-in  
 1903 Molecular and atomic physics  
 0416 Molecular biology  
 1281 Mortuary science  
 1603 Museum and related administration  
 1021 Music composition  
 0832 Music education  
 1006 Music history and appreciation (musicology)  
 1022 Music theory

0119 Natural resources, general  
 0115 Natural resources management  
 0923 Naval architecture and marine technology, general  
 1802 Naval science (Navy, Marines)  
 1255 Neurological surgery  
 1241 Neurology  
 1246 Neuropathology  
 0425 Neurosciences  
 2306 Non-Christian religions and cults  
 0949 Non-ferrous metal goods technology  
 0122 Nonfood science and technology  
 1904 Nuclear physics  
 0920 Nuclear technology  
 1203 Nursing, general  
 0424 Nutrition, scientific (excludes nutrition in home economics  
 and dietetics)

1242 Obstetrics and gynecology  
 0924 Ocean technology, general  
 1919 Oceanography  
 1208 Occupational therapy  
 0942 Oils, fats, and waxes technology  
 0507 Operations research  
 1243 Ophthalmology  
 1209 Optometry  
 1228 Oral pathology  
 1229 Oral surgery  
 1907 Organic chemistry  
 0109 Ornamental horticulture (floriculture and nursery science)

1230	Orthodontics
1256	Orthopedic surgery
1274	Orthotics and prosthetics
1210	Osteopathic medicine
2703	Other personal service
0977	Other structural work
1244	Otorhinolaryngology
2608	Outdoor recreation
0314	Pacific area studies
0932	Packing and dispatch technology
1016	Painting
0970	Painting, plastering, waterproofing, cementing, and related work
1918	Paleontology
2806	Pantomime
0952	Paper and pulp technology
0429	Parasitology
2103	Parks and recreation management
1245	Pathology, general
0408	Pathology, human and animal
1248	Pediatric allergy
1249	Pediatric cardiology
1247	Pediatrics, general
1231	Pedodontics
1232	Periodontology
0515	Personnel management
0907	Petroleum technology
1910	Pharmaceutical chemistry
0409	Pharmacology, human and animal
1211	Pharmacy
1011	Photography
1014	Photomechanical printing processes
0430	Phylogeny
1908	Physical chemistry
0835	Physical education
1901	Physical sciences, general
1212	Physical therapy and rehabilitation
1902	Physics, general (exclude biophysics)
2010	Physiological psychology
0410	Physiology, human and animal
0963	Picture frame and mirror technology
1257	Plastic surgery
0404	Plant pathology (phytopathology)
0405	Plant pharmacology
0406	Plant physiology
0120	Plant science
0974	Plumbing and pipefitting
1216	Podiatry or podiatric medicine

2207 Political science and government  
1117 Portugese  
0106 Poultry science  
0947 Precious metal and gem technology  
0956 Precision mechanisms, apparatus, machines, and instruments technology  
0823 Pre-elementary education  
0941 Preservation technology  
1250 Preventive medicine, general  
1406 Private law  
0708 Processing equipment operation  
1233 Prosthodontics  
1251 Psychiatry, general  
2004 Psychology for counseling  
2001 Psychology, general  
2006 Psychometrics  
2102 Public administration  
1025 Public entertainment  
1214 Public health  
1404 Public law

0603 Radio/television  
0423 Radiobiology  
1225 Radiology  
2904 Railroad conducting  
2903 Railroad transportation, general  
0117 Range management  
0830 Reading education  
0511 Real estate  
2304 Religious education  
2302 Religious music  
2506 Religious studies (exclude theological professions)  
0817 Remedial education  
0976 Roofing  
1106 Russian  
0307 Russian and Slavic studies

0960 Saddlery, footwear, and gloves technology  
1278 Safety education  
1114 Scandinavian languages  
0834 Science education  
1018 Sculpture and plastic arts  
0803 Secondary education, general  
0514 Secretarial studies  
1923 Seismology

2609 Self-defense  
 1115 Slavic languages (other than Russian)  
 0957 Smithery, farriery, and hand-forged ironwork technology  
 0821 Social foundations (history and philosophy of education)  
 2005 Social psychology  
 2201 Social sciences, general  
 2104 Social work and helping services (other than clinical social work)  
 2208 Sociology  
 0103 Soils science (management and conservation)  
 0303 South Asian studies  
 0304 Southeast Asian studies  
 1105 Spanish  
 0935 Special chemicals technology  
 0808 Special education, general  
 0818 Special learning disabilities  
 2012 Special mental conditions  
 1709 Special methods of calculation  
 0815 Speech correction  
 1506 Speech, debate, and forensic science (rhetoric and public address)  
 1220 Speech pathology and audiology  
 1702 Statistics, mathematical and theoretical  
 0928 Steam, hydraulic, and pneumatic energy technology  
 0939 Stimulants, tobacco, and narcotics technology  
 0954 Stone technology  
 0826 Student personnel (counseling and guidance)  
 2606 Stunts, tumbling, and gymnastics  
 1253 Surgery, general  
 0979 Surveying  
 4906 Systems analysis

1508 Teaching of English as a foreign language  
 2607 Team sports  
 4904 Technology and other specialties  
 0901 Technology, general  
 2708 Telecommunication service  
 0917 Textile and cordage technology  
 2301 Theological professions, general  
 1264 Theriogenology  
 1258 Thoracic surgery  
 0950 Timber and woodwork technology  
 0426 Toxicology  
 0934 Traffic planning  
 0510 Transportation and public utilities  
 0961 Travel, sport, games, and other equipment technology  
 1707 Trigonometry  
 2902 Truck driving

0959	Upholstering
0205	Urban architecture
2214	Urban studies
1259	Urology
0955	Various natural processable materials technology
0946	Various organic chemical technology
1271	Veterinary anesthesiology
1265	Veterinary internal medicine
1272	Veterinary medical assisting
1218	Veterinary medicine, general
1266	Veterinary microbiology
1267	Veterinary ophthalmology
1158	Veterinary pathology
1261	Veterinary public health
1269	Veterinary radiology
1270	Veterinary surgery
1262	Veterinary toxicology
0842	Vocational rehabilitation education
1924	Volcanology
2905	Water transportation, general
2906	Water transportation, management and operation
0968	Welding, flame cutting, and related work
0312	West European studies
2217	Women's studies
0931	Workshop practice, general
0207	World planning
0964	Writing, drawing, and artists' materials technology
0407	Zoology, general

APPENDIX B

CROSSOVER TABLE ILLUSTRATING THE  
RELATIONSHIP BETWEEN THE PROPOSED TAXONOMY,  
THE HEGIS TAXONOMY, AND THE HANDBOOK VI TAXONOMY

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CROSSOVER TABLE

Recommended Crossovers into Taxonomy of Postsecondary Education Subject Matter Areas

A TAXONOMY OF INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION (HEGIS)		A TAXONOMY OF POSTSECONDARY EDUCATION SUBJECT MATTER AREAS		STANDARD TERMINOLOGY FOR CURRICULUM AND INSTRUCTION IN LOCAL AND STATE SCHOOL SYSTEMS (HANDBOOK VI)	
0100	AGRICULTURE AND NATURAL RESOURCES	0100	AGRICULTURE AND NATURAL RESOURCES	01.00000000	AGRICULTURE
0101	Agriculture, general	0101	Agriculture, general	-----	
0116	Agriculture and forestry technologies (baccalaureate and higher programs)				
5402	Agriculture technologies (include horticulture)				
0102	Agronomy (field crops and crop management)	0102	Agronomy (field crops and management)	01.01020100	Crops
0116	Agriculture and forestry technologies (baccalaureate and higher programs)			01	Cereal Grain Crops
5402	Agriculture technologies (include horticulture)			02	Fiber Crops
				03	Forage Crops
				04	Oil Crops
				99	Other Crops
0103	Soils science (management and conservation)	0103	Soils science (management and conservation)	01.01020200	Soils
0116	Agriculture and forestry technologies (baccalaureate and higher programs)			03030000	Soil Management
5402	Agriculture technologies (include horticulture)			06030000	Soils
				13.04001700	Soil Science
0104	Animal science (husbandry)	0104	Animal science (husbandry)	01.01010000	Animal Science
0116	Agriculture and forestry technologies (baccalaureate and higher programs)			0100	Livestock and Poultry
5402	Agriculture technologies (include horticulture)			02	Beef Cattle
				03	Horses
				04	Swine
				05	Sheep
				99	Other Livestock and Poultry
				0200	Nutrition
				0300	Genetics
				0400	Physiology
				0500	Animal Health
				0600	Production Management
				01	Feeding Practices
				02	Housing Practices
				99	Other Production Management
				9900	Other Animal Science
				16.02010000	Animal Science

A TAXONOMY OF INSTRUCTION  
PROGRAMS IN HIGHER EDUCATION  
(HEGIS)

A TAXONOMY OF POSTSECONDARY  
EDUCATION SUBJECT MATTER AREAS

STANDARD TERMINOLOGY FOR CURRICULUM  
AND INSTRUCTION IN LOCAL AND STATE SCHOOL SYSTEMS  
(HANDBOOK VI)

0105	Dairy science (husbandry)	0105	Dairy science (husbandry)	01.01010101	Dairy Cattle
0116	Agriculture and forestry technologies (baccalaureate and higher programs)			16.02020000	Dairy Technology
5402	Agriculture technologies (include horticulture)				
0106	Poultry science	0106	Poultry science	01.01010106	Poultry
0116	Agriculture and forestry technologies (baccalaureate and higher programs)			99	Other Livestock & Poultry
5402	Agriculture technologies (include horticulture)				
0107	Fish, game and wildlife management	0107	Fish, game, and wildlife management	01.06040000	Wildlife
0116	Agriculture and forestry technologies (baccalaureate and higher programs)			070000	Fish
5403	Forestry and wildlife technologies (include fisheries)				
0108	Horticulture (fruit and vegetable production)	0108	Horticulture (fruit and vegetable production)	01.01020105	Tree Fruit & Nut Crops
0116	Agriculture and forestry technologies (baccalaureate and higher programs)			06	Small Fruit Crops
5402	Agriculture technologies (include horticulture)			07	Vegetable Crops
				.02030000	Seeds
				040000	Fertilizers
0109	Ornamental horticulture (floriculture and nursery science)	0109	Ornamental horticulture (floriculture and nursery science)	01.01020108	Ornamental Crops
0116	Agriculture and forestry technologies (baccalaureate and higher programs)			01.05000000	Ornamental Horticulture
5402	Agriculture technologies (include horticulture)			010000	Arboriculture
				020000	Floriculture
				030000	Greenhouse Operation and Maintenance
				040000	Landscaping
				050000	Nursery Operation & Management
				060000	Turf Management
				990000	Other Ornamental Horticulture
0110	Agricultural and farm management	0110	Agricultural and farm management	01.01000000	Agricultural Production
0116	Agriculture and forestry technologies (baccalaureate and higher programs)			040000	Farm Business Management
5402	Agriculture technologies			0100	Farm Accounts
				0200	Performance Records
				0300	Budgeting and Analysis
				0400	Manpower Utilization
				0500	Purchasing and Marketing

(continued)

A TAXONOMY OF INSTRUCTIONAL  
PROGRAMS IN HIGHER EDUCATION  
(HEGIS)

A TAXONOMY OF POSTSECONDARY  
EDUCATION SUBJECT MATTER AREAS

STANDARD TERMINOLOGY FOR CURRICULUM  
AND INSTRUCTION IN LOCAL AND STATE SCHOOL SYSTEMS  
(HANDBOOK VI)

0111	Agricultural economics	0111	Agricultural economics	0600	Financial & Legal Management
0116	Agriculture and forestry technologies (baccalaureate and higher programs)			9900	Other Farm Business Management
5402	Agriculture technologies (include horticulture)			01.01990000	Other Agricultural Products
				01.04000000	Agricultural Products
				990000	Other Agricultural Products
0112	Agricultural business			01.01040700	Farm Organizations
0116	Agriculture and forestry (baccalaureate and higher programs)			0800	Government Programs
5402	Agriculture technologies (include horticulture)				
0112	Agricultural business	0112	Agricultural business	01.02000000	Agricultural Supplies/Service
0116	Agriculture and forestry (baccalaureate and higher programs)			010000	Agricultural Chemicals
5402	Agriculture technologies (include horticulture)			020000	Feeds
				030000	Seeds
				040000	Fertilizers (plant food)
				990000	Other Agricultural Supplies/Services
0113	Food science and technology				
0116	Agriculture and forestry technologies (baccalaureate and higher programs)	0113	Food science and technology	01.04010000	Food Products
5402	Agriculture technologies (include horticulture)			0100	Meat, Fish, Poultry, Eggs
				0200	Dairy Products
				0300	Fruits and Vegetables
				0400	Cereal Grains
				0500	Oil Seeds
				9900	Other Food Products
				16.02030000	Food Processing Technology
				17.29030000	Meat Cutter
0114	Forestry				
0116	Agriculture and forestry technologies (baccalaureate and higher programs)	0114	Forestry	01.01020109	Farm Forestry
5403	Forestry and wildlife technologies (include fisheries)			01.06010000	Forests
				01.07000000	Forestry
				010000	Forests
				020000	Forest Protection
				030000	Logging--harvesting & transporting
				040000	Wood Utilization
				050000	Recreation
				060000	Special Products
				0100	Christmas Trees
				0200	Maple Syrup
				0300	Nuts
				9900	Other Special Products
				01.07990000	Other Forestry
				10.19000000	Woods
				010000	Woods
				020000	Woods Technology
				990000	Other Woods
				16.06030000	Forestry Technology

A TAXONOMY OF INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION (HEGIS)

0115 Natural resources management  
 0116 Agriculture and forestry technologies (baccalaureate and higher programs)  
 5402 Agriculture technologies (include horticulture)

0117 Range management  
 0116 Agriculture and forestry technologies (baccalaureate and higher programs)  
 5402 Agriculture technologies (include horticulture)

0116 Agriculture and forestry technologies (baccalaureate and higher programs)  
 5402 Agriculture technologies (include horticulture)

0116 Agriculture and forestry technologies (baccalaureate and higher programs)  
 5402 Agriculture technologies (include horticulture)

0116 Agriculture and forestry technologies (baccalaureate and higher programs)  
 5402 Agriculture technologies (include horticulture)

A TAXONOMY OF POSTSECONDARY EDUCATION SUBJECT MATTER AREAS

0115 Natural resources management

0117 Range management

0118 Hydrology and water management

0119 Natural resources, general

0120 Plant science

STANDARD TERMINOLOGY FOR CURRICULUM AND INSTRUCTION IN LOCAL AND STATE SCHOOL SYSTEMS (HANDBOOK VI)

01.060000000 Agricultural Resource (conservation, utilization, and services)  
 060000 Air  
 990000 Other Agricultural Resources

01.060800000 Range

01.030400000 Water Management  
 01.060500000 Water  
 13.040010000 Hydrology

01.060000000 Agricultural Resources (conservation, utilization, and services)  
 010000 Forests  
 020000 Recreation  
 030000 Soil  
 040000 Wildlife--including game farms and hunting area  
 050000 Water  
 060000 Air  
 070000 Fish  
 080000 Range  
 990000 Other Agricultural Resources  
 13.020009000 Conservation  
 15.040000000 Conservation--Environmental Education

01.010200000 Plant Science  
 0300 Nutrition  
 0400 Genetics  
 0500 Physiology  
 0600 Plant Pathology  
 0700 Entomology  
 0800 Plant Disease and Pest Control  
 01 Insecticides  
 02 Fungicides, Bactericides, Viricides, & Nematocides

(continued)

A TAXONOMY OF INSTRUMENTAL  
PROGRAMS IN HIGHER EDUCATION  
(HEGIS)

A TAXONOMY OF POSTSECONDARY  
EDUCATION SUBJECT MATTER AREAS

STANDARD TERMINOLOGY FOR CURRICULUM  
AND INSTRUCTION IN LOCAL AND STATE SCHOOL SYSTEMS  
(HANDBOOK VI)

03	Herbicides			
04	Rodenticides			
05	Nonchemical Controls			
06	Plant Genetic Resistance			
99	Other Plant Disease and Pest Control			
0900	Environmental Biology			
0900	Other Plant Science			
16.02040000	Plant Science			
01.01030000	Farm Mechanics			
01.03000000	Agricultural Mechanics			
010000	Agricultural Power and Machinery			
020000	Agricultural Structures and Conveniences			
050000	Agricultural Mechanics Skills			
060000	Agricultural Construction and Maintenance			
070000	Agricultural Electrification			
990000	Other Agricultural Mechanics			
16.01020000	Agricultural Technology			
0100	Agricultural Electrification Technology			
0200	Agricultural Machinery and Equipment Technology			
0300	Agricultural Structures and Conveniences			
9900	Other Agricultural Technology			
01.04020000	Nonfood Products			
0100	Cotton			
0200	Tobacco			
0300	Wool			
9900	Other Nonfood Products			
16.06040000	Oceanographic Technology (Physical, Biological, and Fisheries)			
17.08000000	Commercial Fishery Occupations			
010000	Seamanship			
020000	Ship and Boat Operation and Maintenance			
990000	Other Commercial Fishery Occupations			
22000000	Maritime Occupations			
0116	Agriculture and forestry technologies (baccalaureate and higher programs)	0121	Agricultural mechanics	
5402	Agriculture technologies (include horticulture)			
0116	Agriculture and forestry technologies (baccalaureate and higher programs)	0122	Nonfood science and technology	
5402	Agriculture technologies (include horticulture)			
0116	Agriculture and forestry technologies (baccalaureate and higher programs)	0123	Commercial fishery	
5403	Forestry and wildlife technologies (include fisheries)			

A TAXONOMY OF INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION (HEGIS)	A TAXONOMY OF POSTSECONDARY EDUCATION SUBJECT MATTER AREAS	STANDARD TERMINOLOGY FOR CURRICULUM AND INSTRUCTION IN LOCAL AND STATE SCHOOL SYSTEMS (HANDBOOK VI)
0116 5499	Agriculture and forestry technologies (baccalaureate and higher programs) Marine and oceanographic technologies	-----
0116 5402	Agriculture and forestry technologies (baccalaureate and higher programs) Agriculture technologies (include horticulture)	-----
0199 5499	Other, specify Other, specify	01.99000000 16.02000000 990000
	Other, specify	Other Agriculture Agricultural-Related Technology Other Agricultural-Related Technology
	0124 Marine life cultivation and related areas	
	0125 Insect and reptile science	

A TAXONOMY OF INSTRUCTIONAL  
PROGRAMS IN HIGHER EDUCATION  
(HEGIS)

A TAXONOMY OF POSTSECONDARY  
EDUCATION SUBJECT MATTER AREAS

STANDARD TERMINOLOGY FOR CURRICULUM  
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A TAXONOMY OF INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION (HEGIS)		A TAXONOMY OF POSTSECONDARY EDUCATION SUBJECT MATTER AREAS		STANDARD TERMINOLOGY FOR CURRICULUM AND INSTRUCTION IN LOCAL AND STATE SCHOOL SYSTEMS (HANDBOOK VI)	
0200	ARCHITECTURE AND ENVIRONMENTAL DESIGN	0200	ARCHITECTURE AND ENVIRONMENTAL DESIGN	-----	
0201	Environmental design, general	0201	Environmental design, general	02.02030000 9900	Environmental Design Other Environmental Design
0202 5304	Architecture Architectural drafting technologies	0202	Architecture	02.02030100 16.01030000	Architectural Design Architectural Technology
0203 5304	Interior design Architectural drafting technologies	0203	Interior design	02.02030300 16.01030000	Interior Design Architectural Technology
0204 5304	Landscape architecture Architectural drafting technologies	0204	Landscape architecture	02.02030400 16.01030000	Landscape Architecture Architectural Technology
0205 5304	Urban architecture Architectural drafting technologies	0205	Urban architecture	16.01030000	Architectural Technology
0206 5304	City, community, and regional Architectural drafting technologies	0206	City, community, and regional	02.02030500 16.01030000	Urban Planning Architectural Technology
5304	Architectural drafting	0207	World planning	16.01030000	Architectural Technology
0299 5399	Other, specify Other, specify	0299	Other, specify	02.02039900	Other Environmental Design

A TAXONOMY OF INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION (HEGIS)

STANDARD TERMINOLOGY FOR CURRICULUM AND INSTRUCTION IN LOCAL AND STATE SCHOOL SYSTEMS (HANDBOOK VI)

A TAXONOMY OF POSTSECONDARY EDUCATION SUBJECT MATTER AREAS

0300	AREA STUDIES	0300	AREA STUDIES	-----	AREA STUDIES (MULTIDISCIPLINARY)
0301	Asian studies, general	0301	Asian studies, general	15.02010200 15.02010800	Asia Soviet
0302	East Asian studies	0302	East Asian studies	-----	-----
0303	South Asian (India, etc.) studies	0303	South Asian studies	-----	-----
0304	Southeast Asian studies	0304	Southeast Asian studies	-----	-----
0305	African studies	0305	African studies	15.02010100	Africa
0306	Islamic studies	0306	Islamic studies	-----	-----
0307	Russian and Slavic studies	0307	Russian and Slavic studies	15.02010800	Soviet
0308	Latin American studies	0308	Latin American studies	15.02010600	Latin America
0309	Middle Eastern studies	0309	Middle Eastern studies	15.02010700	Middle East
0310	European studies, general	0310	European studies, general	15.02010500	Europe
0311	Eastern European studies	0311	Eastern European studies	-----	Soviet
0312	West European studies	0312	West European studies	-----	-----
0313	American studies	0313	American studies	15.02010400 020000 0100 0200 0300 0400 0500 0600 9900	Canada Regions of the United States Midwest North Central Northeast Northwest Southeast Southwest Other Regions of the United States

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A TAXONOMY OF INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION (HEGIS)

A TAXONOMY OF POSTSECONDARY EDUCATION SUBJECT MATTER AREAS

STANDARD TERMINOLOGY FOR CURRICULUM AND INSTRUCTION IN LOCAL AND STATE SCHOOL SYSTEMS (HANDBOOK VI)

0314	Pacific area studies	0314	Pacific area studies	15.02030000	Small Areas
---		0315	Atlantic area studies	0100	Home State
---		0316	Arctic area studies	0200	Local Community
---		0317	Antarctic area studies	0300	School Community
---		0318	Area studies, general	0400	Classroom Community
0399	Other, specify	0399	Other, specify	0500	Neighborhood
				9900	Other Small Areas
				15.02010300	Australasia
				-----	
				-----	
				-----	
				15.02000000	Area Studies (Multidisciplinary)
				15.02010000	Areas Beyond the United States
				019900	Other Areas Beyond the United States
				990000	Other Area Studies

A TAXONOMY OF INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION (HEGIS)

0400	BIOLOGICAL SCIENCES	0400	BIOLOGICAL SCIENCES
0401 5205	Biology, general Medical or biological laboratory assistant technologies	0401	Biology, general
0402 5205	Botany, general Medical or biological laboratory assistant technologies	0402	Botany, general
0403 5205	Bacteriology Medical or biological laboratory assistant technologies	0403	Bacteriology
0404 5205	Plant pathology Medical or biological laboratory assistant technologies	0404	Plant pathology (phytopathology)
0405 5205	Plant pharmacology Medical or biological laboratory assistant technologies	0405	Plant pharmacology
0406 5205	Plant physiology Medical or biological laboratory assistant technologies	0406	Plant physiology
0407 5205	Zoology, general Medical or biological laboratory assistant technologies	0407	Zoology, general
0408 5205	Pathology, human and animal Medical or biological laboratory assistant technologies	0408	Pathology, human and animal
0409 5205	Pharmacology, human and animal Medical or biological laboratory assistant technologies	0409	Pharmacology, human and animal
0410 5205	Physiology, human and animal Medical or biological laboratory assistant technologies	0410	Physiology, human and animal
0411 5205	Microbiology Medical or biological laboratory assistant technologies	0411	Microbiology

STANDARD TERMINOLOGY FOR CURRICULUM AND INSTRUCTION IN LOCAL AND STATE SCHOOL SYSTEMS (HANDBOOK VI)

13.02000000	Biological Sciences (including General Biology)
13.02010000	Botany
13.02000300	Bacteriology
-----	-----
-----	-----
13.02001800 2000 2100	Organic Systems Physiology Reproduction
13.02030000	Zoology
-----	-----
-----	-----
13.02001800 2000 2100	Organic Systems Physiology Reproduction
13.02020000	Microbiology

A TAXONOMY OF INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION (HEGIS)

A TAXONOMY OF POSTSECONDARY EDUCATION SUBJECT MATTER AREAS

STANDARD TERMINOLOGY FOR CURRICULUM AND INSTRUCTION IN LOCAL AND STATE SCHOOL SYSTEMS (HANDBOOK VI)

0412 5205	Anatomy Medical or biological laboratory assistant technologies	0412	Anatomy	13.02000100	Anatomy
0413 5205	Histology Medical or biological laboratory assistant technologies	0413	Histology	07.02020000 13.02001000	Histology Developmental Biology
0414 5205	Biochemistry Medical or biological laboratory assistant technologies	0414	Biochemistry	13.02000500 .03000300	Biochemistry Biochemistry
0415 5205	Biophysics Medical or biological laboratory assistant technologies	0415	Biophysics	13.02000700 .03000400	Biophysics Biophysics
0416 5205	Molecular biology Medical or biological laboratory assistant technologies	0416	Molecular biology	13.0200.000	Molecular Biology
0417 5205	Cell biology (cytology, cell physiology) Medical or biological laboratory assistant technologies	0417	Cell biology (cytology, cell physiology)	07.02010000 13.02000800 1800 2000 2100	Cytology (Cytotechnology) Cellular Phenomena (Cytology) Organic Systems Physiology Reproduction
0418 5205 5406	Marine biology Medical or biological laboratory assistant technologies Marine and oceanographic technologies	0418	Marine biology	13.04000300	Biological Interrelationships
0419 5205	Biometrics and biostatistics Medical or biological laboratory assistant technologies	0419	Biometrics and biostatistics	13.02000600	Biometrics
0420 5205	Ecology Medical or biological laboratory assistant technologies	0420	Ecology	13.02001100 1600 .04000300	Ecology Nature Study Biological Interrelationships

STANDARD TERMINOLOGY FOR CURRICULUM  
AND INSTRUCTION IN LOCAL AND STATE SCHOOL SYSTEMS  
(HANDBOOK VI)

A TAXONOMY OF POSTSECONDARY  
EDUCATION SUBJECT MATTER AREAS

A TAXONOMY OF INSTRUCTIONAL  
PROGRAMS IN HIGHER EDUCATION  
(HEGIS)

0421 5205	Entomology Medical or biological laboratory assistant technologies	0421	Entomology	13.02001200	Entomology
0422 5205	Genetics Medical or biological laboratory assistant technologies	0422	Genetics	13.02001400	Genetics
0423 5205	Radiobiology Medical or biological laboratory assistant technologies	0423	Radiobiology	-----	
0424 5205	Nutrition, scientific (excludes nutrition in home economics and dietetics) Medical or biological laboratory assistant technologies	0424	Nutrition, scientific (excludes nutrition in home economics and dietetics)	13.02001700	Nutrition
0425 5205	Neurosciences Medical or biological laboratory assistant technologies	0425	Neurosciences	-----	
0426 5205	Toxicology Medical or biological laboratory assistant technologies	0426	Toxicology	-----	
0427 5205	Embryology Medical or biological laboratory assistant technologies	0427	Embryology	-----	
5205	Medical or biological laboratory assistant technologies	0428	Fresh-water biology	13.04000300	Biological Interrelationships
5205	Medical or biological laboratory assistant technologies	0429	Parasitology	-----	
5205	Medical or biological laboratory	0430	Phylogeny	13.02001300 1900	Evolution Origins of Life

A TAXONOMY OF INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION (HEGIS)	A TAXONOMY OF POSTSECONDARY EDUCATION SUBJECT MATTER AREAS	STANDARD TERMINOLOGY FOR CURRICULUM AND INSTRUCTION IN LOCAL AND STATE SCHOOL SYSTEMS (HANDBOOK VI)
5205	Medical or biological laboratory assistant technologies	13.02000200 1300 15.01060000 0100 0200 0300 0400 0500 9900
0431	Anthropobiology (physical anthropology)	Anthropology Evolution Physical Anthropology Evolution Prehistoric People Primitive Behavior Primitive Peoples, e.g., Bushmen Race Other Topics in Physical Anthropology
5205	Medical or biological laboratory assistant technologies	13.02001000
0432	Developmental biology	Developmental Biology
5205	Medical or biological laboratory assistant technologies	13.02000400
0433	Behavioral biology	Behavior
----	0434	13.02002200
Biological taxonomy	Taxonomy	
0499	Other, specify	07.02990000 13.02990000 2300 9900 13.04000300
Other Medical Laboratory Technology Other Biological Sciences Technological Applications Other Major Aspects of the Biological Sciences Biological Interrelationships	Other, specify	

A TAXONOMY OF INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION (HEGIS)

0500 BUSINESS AND MANAGEMENT

0501 Business and commerce, general  
5001 Business and commerce technologies, general

0502 Accounting  
5002 Accounting technologies

A TAXONOMY OF POSTSECONDARY EDUCATION SUBJECT MATTER AREAS

0500 BUSINESS, COMMERCE, AND MANAGEMENT

0501 Business and commerce, general

0502 Accounting

STANDARD TERMINOLOGY FOR CURRICULUM AND INSTRUCTION IN LOCAL AND STATE SCHOOL SYSTEMS (HANDBOOK VI)

03.00000000 BUSINESS  
04.00000000 DISTRIBUTIVE EDUCATION  
14.00000000 OFFICE OCCUPATIONS

03.07000000 Business Ethics  
20000000 Exploratory Business  
23000000 General Business or Introduction to Business  
26010000 Business Principles  
04.00000100 Distribution I  
0400 Distribution II  
0700 Distribution III

03.01000000 Accounting  
010000 Accounting Principles  
020000 Accounting Systems  
030000 Advanced Accounting  
040000 Auditing  
050000 Cost Accounting  
060000 C.P.A. Review  
070000 Data Processing Accounting  
080000 Governmental and Institutional Accounting

090000 Intermediate Accounting  
100000 Managerial Accounting  
110000 Payroll Accounting  
120000 Secretarial Accounting  
130000 Tax Accounting  
990000 Other Accounting  
.03000000 Bookkeeping

010000 Bookkeeping, First Course  
020000 Bookkeeping, Second Course  
030000 Bookkeeping, Third Course  
040000 Bookkeeping, Fourth Course  
050000 Machine Bookkeeping  
060000 Payroll Record Keeping  
070000 Record Keeping  
990000 Other Bookkeeping  
.08000000 Business Finance Accounting  
04.00008500 Expense Control

14.01000000 Accounting and Computing Occupations  
010000 Accountants  
020000 Bookkeepers  
030000 Cashiers  
040000 Machine Operators: Billing, Book-keeping, and Computing Tellers  
050000 Other Accounting and Computing Occupations  
990000 Other Accounting and Computing Occupations

A TAXONOMY OF INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION (HEGIS)

A TAXONOMY OF POSTSECONDARY EDUCATION SUBJECT MATTER AREAS

STANDARD TERMINOLOGY FOR CURRICULUM AND INSTRUCTION IN LOCAL AND STATE SCHOOL SYSTEMS (HANDBOOK VI)

0503	Business statistics	0503	Business statistics	03.12000000	Business Statistics
0504	Banking and finance	0504	Banking and finance	03 08000000	Business Finance
5003	Banking and finance technologies			04.04000000	Money and Banking Finance and Credit
0505	Investments and securities	0505	Investments and securities	03.25000000	Investments
0506	Business management and administration	0506	Business management and administration	03.04000000	Budget Control
5004	Marketing, distribution, purchasing, business, and industrial managements technologies			03.26000000	Business and Management Principles Business Organization and Management Office Management and Supervision Small Business Management Other Business and Management Principles
				.28000000	Office Practice
				04.00003000	Midmanagement
				04.00003200	Retail Store Management
				3300	Small Business Management
				3400	Other Marketing Management
				14.08000000	Supervisory and Administrative Management Occupations
				010000	Administrative Assistants
				020000	Budget Management Analysts
				030000	Clerical and Office Supervisors
				050000	Office Managers and Chief Clerks
				990000	Other Supervisory and Administrative Management Occupations
				17.17000000	Foremanship, Supervision, and Management Development
0507	Operations research	0507	Operations research	16.04020000	Systems Analysts Technology
0508	Hotel and restaurant management	0508	Hotel, institutional, and restaurant management	04.11000000	Hotel and Lodging
1307	Institutional management and cafeteria management			09.02030000	Food Management, Production, and Service
5010	Hotel and restaurant management technologies			050000	Institutional and Home Management and Supporting Services
5218	Institutional management technologies			16.05040000	Food Service Supervisor

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A TAXONOMY OF POSTSECONDARY  
EDUCATION SUBJECT MATTER AREAS

STANDARD TERMINOLOGY FOR CURRICULUM  
AND INSTRUCTION IN LOCAL AND STATE SCHOOL SYSTEMS  
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0509	Marketing and purchasing	0509	Marketing and purchasing	03.26040000	Merchandising Management
5004	Marketing, distribution, purchasing, business, and industrial management technologies			.27000000	Marketing
				010000	Principles of Marketing
				020000	Industrial Marketing
				030000	International Marketing
				990000	Other Marketing
				.32000000	Retailing
				010000	Merchandise Information
				020000	Retail Display
				030000	Retail Merchandising
				040000	Retail Salesmanship
				650000	Retail Store Management
				990000	Other Retailing
				.33000000	Salesmanship Principles
				990000	Other Salesmanship
				04.02000000	Apparel and Accessories
				.03000000	Automotive
				.05000000	Floristry
				.06000000	Food Distribution
				.07000000	Food Services
				.08000000	General Merchandise
				.09000000	Hardware, Building Materials, Farm and Garden Supplies and Equipment
				10000000	Home Furnishings
				.12000000	Industrial Marketing
				.15000000	Personal Services
				.16000000	Petroleum
				.18000000	Recreation and Tourism
				.20000000	Other Retail Trade
				.31000000	Other Wholesale Trade
				04.00001000	Principles of Marketing
				.00001100	Agricultural Marketing
				.00001200	Industrial Marketing
				.00001300	International Marketing
				.00001400	Marketing Trends
				.00001500	Retailing
				.00001600	Retail Trends
				.00001700	Wholesaling
				.00001800	Buying
				.00001900	Fashion Merchandising
				.00002000	Fashion Trends
				.00002100	Merchandise Mathematics
				.00002200	Retail Buying
				.00002300	Retail Merchandising
				.00002400	Other Buying

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A TAXONOMY OF INSTRUCTIONAL  
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A TAXONOMY OF POSTSECONDARY  
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STANDARD TERMINOLOGY FOR CURRICULUM  
AND INSTRUCTION IN LOCAL AND STATE SCHOOL SYSTEMS  
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04.00002900	Marketing Management (General)
.00003200	Retail Store Management
.00003300	Small Business Management
.00003400	Other Marketing Management
.00003800	Marketing Research
.00003900	Marketing Analysis
.00004000	Other Marketing Research
.00006100	Purchasing
.00006200	Salesmanship
.00006300	Direct Sales
.00006400	Retail Selling
.00006500	Sales Management
.00006600	Other Selling
.00008200	Product Information
.00008300	Nontextiles
.00008400	Textiles
17.07020000	Window Display

0510 Transportation and public utilities  
5011 Transportation and public utility  
technologies

0510 Transportation and public utilities

04.19000000  
04.00007000

Transportation  
Transportation

0511 Real estate

0511 Real estate

03.31000000  
010000  
020000  
030000  
040000  
050000  
060000  
990000  
04.17000000  
04.00007500  
7600  
7700  
7800  
7900  
8000  
8100

Real Estate  
Principles of Real Estate  
Real Estate Appraisal  
Real Estate Finances  
Real Estate Law  
Real Estate Management  
Real Estate Sales  
Other Real Estate  
Real Estate  
Real Estate Principles  
Real Estate Practices  
Real Estate Management  
Real Estate Law  
Real Estate Appraisal  
Real Estate Finance  
Real Estate Sales

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A TAXONOMY OF POSTSECONDARY EDUCATION SUBJECT MATTER AREAS

STANDARD TERMINOLOGY FOR CURRICULUM AND INSTRUCTION IN LOCAL AND STATE SCHOOL SYSTEMS (HANDBOOK VI)

0512	Insurance	0512	Insurance	03.24000000	Insurance and Risk Principles of Insurance Life Insurance Property and Casualty Insurance Other Insurance Insurance Principles of Insurance Life Insurance Casualty Insurance Property Insurance
0513	International business	0513	International business	04.14000000	International Trade
0514	Secretarial studies (baccalaureate and higher programs)	0514	Secretarial studies	03.10000000	Business Machines Business Machines, First Course Business Machines, Second Course Calculating and Listing Machines Duplicating Machines Other Business Machines and Appliances
5005	Secretarial technologies (include office machines training,			03.14000000	Clerical Practice
				21000000	Filing
				22000000	Filing and Record Control
				03.34000000	Shorthand, Stenographic, and Secretarial Machine Shorthand
				020000	Personal Use Shorthand
				030000	Shorthand Theory, First Course
				040000	Shorthand Theory, Second Course
				050000	Shorthand Dictation
				060000	Shorthand Speed Building
				070000	Shorthand Transcription
				080000	Machine Transcription
				100000	Specialized Shorthand Terminology and Transcription (legal, medical, scientific/technical, other)
				0100	Legal
				0200	Medical
				0300	Scientific/Technical
				9900	Other Specialized Shorthand Terminology and Transcription
				110000	Specialized Secretarial Practice
				0100	Legal
				0200	Medical
				0300	Scientific/Technical
				9900	Other Specialized Secretarial Practice
				990000	Other Shorthand, Stenographic, and Secretarial

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A TAXONOMY OF INSTRUCTIONAL  
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A TAXONOMY OF POSTSECONDARY  
EDUCATION SUBJECT MATTER AREAS

STANDARD TERMINOLOGY FOR CURRICULUM  
AND INSTRUCTION IN LOCAL AND STATE SCHOOL SYSTEMS  
(HANDBOOK VI)

04.00009500	Expense Control
14.01040000	Machine Operators: Billing, Bookkeeping, and Computing
14.03000000	Filing, Office Machines, and General Office Clerical
010000	Duplicating Machine Operators Occupations
020000	File Clerks
030030	General Office Clerks
990000	Other Filing, Office Machines, and General Office Clerical Occupations
14.04000000	Information, Communication Occupations
	Communication Systems Clerks and Operations
020000	Correspondence Clerks
030000	Mail and Postal Clerks
040000	Mail-Preparing and Mail-Handling Machine Operators
050000	Messengers and Office Boys and Girls
060000	Receptionists and Information Clerks
990000	Other Information Communication Occupations
14.05000000	Materials, Support Occupations: Transportation, Storing, and Recording
010000	Planning and Production Clerks
020000	Quality Control Clerks
030000	Shipping and Receiving Clerks
040000	Stock and Inventory Clerks
050000	Traffic, Rate, and Transportation Clerks
990000	Other Materials Support Occupations: Transporting, Storing, and Recording Occupations
14.07000000	Stenographic, Secretarial, and Related Occupations
010000	Executive Secretary
020000	Secretaries
030000	Stenographers
990000	Other Stenographic, Secretarial and Related Occupations
09000000	Typing and Related Occupations
010000	Clerk Typists
020000	Typists
990000	Other Typing and Related Occupations
16.04000000	Office Related Technology
990000	Other Office Related Technology

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0515	Personnel management	0515	Personnel management	03.11000000 03.26060000 03.29000000 04.00003100 9200 9300 9400 9600 14 06000000	Business Psychology Personnel Management Personal Development and Human Relations Personnel Management Employee Supervision Employee Training Evaluation Techniques Human Relations Personnel, Training, and Related Occupations Educational Assistants and Training Specialists Interviewers and Test Technicians Personnel Assistants Other Personnel, Training, and Related Occupations
0516 5004	Labor and industrial relations Marketing, distribution, purchasing, business, and industrial manage- ment technologies	0516	Labor and industrial relations	03.26030000	Labor Management Relations
0517	Business economics	0517	Business economics	03.18020000 30000 04.00008600 8900 9000	Labor Economics Money and Banking Business-Government Relations Economics of Consumption Economics of Marketing
-----		0518	Credit and collections	03.16000000 04.00002800	Credit and Collections Credit and Collections
0599 5099	Other, specify Other, specify	0599	Other, specify	03.13000000 99000000 04 99000000 04.00000200 0300 0500 04.00000600 0800 0900 9900 14.99000000	Office Work Experience Other Business Other Instructional Programs Distribution I (Cooperative) Distribution I (Project) Distribution II (Cooperative) Distribution II (Project) Distribution III (Cooperative) Distribution III (Project) Other Subject Matter in Dis-tributive Education Other Office Occupations

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0600	COMMUNICATIONS	0600	COMMUNICATIONS
0601	Communications, general	0601	Communications, general
5008	Communications and broadcasting technologies		
0602	Journalism (printed media)	0502	Journalism (printed media)
5008	Communications and broadcasting technologies		
0603	Radio/television	0603	Radio/television
5008	Communications and broadcasting technologies		
0604	Advertising	0604	Advertising
5008	Communications and broadcasting technologies		

05.04030000 Journalism  
0100 Reporting  
0200 Editorial Writing  
0300 Feature Writing  
0400 History of Journalism  
9900 Other Journalism

05.05040000 Speech Through Mass Media  
0100 Radio and Television  
0200 Film

03.02000000 Advertising and Sales Promotion  
010000 Advertising Principles  
020000 Advertising Copywriting  
030000 Advertising Media and Campaigns  
040000 Direct Mail Advertising  
990000 Other Advertising and Sales Promotion

04.01000000 Advertising Services  
04.00004400 Advertising and Sales Promotion  
4500 Advertising Principles  
4600 Advertising Campaigns  
4700 Advertising Copywriting  
4800 Advertising Layout  
4900 Advertising Media  
5000 Advertising Production  
5200 Direct-Mail Advertising  
5300 Retail Advertising  
5400 Retail Display  
5500 Retail Sales Promotion  
5600 Showcard Techniques  
5700 Other Sales Promotion



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0605	Communication media (use of videotape, films, etc., oriented specifically toward radio/television)	0605	Communication media (use of videotape, films, etc. oriented specifically toward radio/television)	05.05040200	Film
5008	Communications and broadcasting technologies				
0699	Other, specify	0699	Other, specify	-----	
5099	Other, specify				

A TAXONOMY OF INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION (HEGIS)		A TAXONOMY OF POSTSECONDARY EDUCATION SUBJECT MATTER AREAS		STANDARD TERMINOLOGY FOR CURRICULUM AND INSTRUCTION IN LOCAL AND STATE SCHOOL SYSTEMS (HANDBOOK VI)	
0700	COMPUTER AND INFORMATION SCIENCES	0700	COMPUTER AND INFORMATION SCIENCES	-----	
0701	Computer and information sciences, general	0701	Computer and information sciences, general		
0703	Data processing	0703	Data processing	03.17000000	Data Processing and Computer Operation
5101	Data processing technologies, general			010000	Introduction to Data Processing
				020000	Data Processing Systems
				990000	Other Data Processing and Computer Operation
				14.02000000	Business Data Processing Occupations
				040000	Systems Analysts
				990000	Other Business Data Processing Systems Occupations
				08040000	Data-methods and Systems-procedures Analysts
				16.04020000	Systems Analysts Technology
0704	Computer programming	0704	Computer programming	03.17040000	Computer Programming
5103	Computer programmer technologies			14.02030000	Programmers
				16.01170000	Scientific Data Processing
				16.04010000	Computer Programmer
-----		0706	Artificial intelligence	-----	
0702	Information sciences and systems	0707	Information storage and retrieval	-----	
5102	Key punch operator and other input preparation technologies	0708	Processing equipment operation	03.17000000	Data Processing and Computer Operation
5104	Computer operator and peripheral equipment operation technologies			03.17050000	Computer Operation Introduction
				03.17060000	Processing Equipment Operation
				0100	Punchcard Data Processing
				0200	Tabulating Equipment Operation
				0300	Tabulating Machine Wiring
				9900	Other Processing Equipment Operation
				14.02010000	Computer and Console Operators
				14.02020000	Peripheral Equipment Operators
				0100	Key Punch and Coding Equipment Operators
				9900	Other Peripheral Equipment Operators
0799	Other, specify	0799	Other, specify	03.17990000	Other Data Processing and Computer Operation
5199	Other, specify			14.02990000	Other Business Data Processing Systems Occupations

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0800	EDUCATION	0800	EDUCATION	-----	
0801 5503	Education, general Education technologies	0801	Education, general	14.06010000	Educational Assistants and Training Specialists
0802	Elementary education, general	0802	Elementary education, general	18.01000000 010000 0200 9900	General Elementary Years or Grades Early Elementary Years or Grades; Early Childhood Education Primary Level (Including Grades 1, 2, and 3 or Equivalent) Other Early Elementary Organization
0803	Secondary education, general	0803	Secondary education, general	020000 990000	Intermediate Elementary Level (Including Years or Grades 4, 5, and 6 or Equivalent) Other Plan for General Elementary Years or Grades
0804	Junior high school education	0804	Junior high school education	18.03000000 020000 990000	General Secondary Years or Grades Senior High School Other Secondary School Level
0805	Higher education, general	0805	Higher education, general	18.01030000	Upper Elementary Level (Including Years or Grades 7 and 8 or Equivalent)
0806	Junior and community college education	0806	Junior and community college education	.02000000 .03010000	Middle School Level Junior High School Level
0807	Adult and continuing education	0807	Adult and continuing education	-----	
0808	Special education, general	0808	Special education, general	-----	
				19.00000000	Differentialized Curriculum for Handicapped Pupils
				.01000000	Communication Skills
				010000	Language Stimulation
				020000	Language Development
				030000	Language Correction
				040000	Speech Stimulation
				050000	Speech Development

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060000	Speech Correction
070000	Special Communication Methods
0100	Braille Reading and Writing
0200	Stimulus Magnification (Visual)
0300	Stimulus Magnification (Hearing)
0400	Manual Communication
0500	Electronic Reproduction
0600	Typing for Communication
0700	Speech Reading (Lip Reading)
9900	Other Special Communication Methods
990000	Other Communication Skills
.02000000	Interpersonal and Behavioral Coping Skills
010000	Self-Concept Development
020000	Self-Concept Reeducation
030000	Social
990000	Other Interpersonal and Behavioral Coping Skills
.03000000	Motoric Skills
010000	Dexterity Skills
0100	Gross Motor Skills
0200	Fine Motor Skills
020000	Physical Management
0100	Self-Help Skills
0200	Use of Devices and Equipment (Ordinary and Special)
0300	Personal Safety
030000	Mobility Training
0100	Orientation
0200	Travel
990000	Other Motoric Skills
.04000000	Perceptual Skills
010000	Auditory Training: Stimulation
020000	Auditory Training: Development
030000	Auditory Training: Correction
040000	Tactile and Kinesthetic Stimulation
050000	Tactile and Kinesthetic Development
19.04060000	Tactile and Kinesthetic Correction
070000	Olfactory Stimulation
080000	Olfactory Development
090000	Visual Stimulation
100000	Visual Development
110000	Visual Correction
120000	Personal Spatial Relationships
990000	Other Perceptual Skills
.05000000	Vocational and Avocational Skills Development

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0809	Administration of special education	0809	Administration of special education	-----	
0810	Education of the mentally retarded	0810	Education of the mentally retarded	-----	010000 Vocational Information 020000 Prevocational Work Experience 030000 Specialized Vocational Preparation 040000 Avocational Information 050000 Avocational Experience 090000 Other Vocational and Avocational Skills Development
0811	Education of the gifted	0811	Education of the gifted	-----	Other Differentiated Curriculum for Handicapped Pupils
0812	Education of the deaf	0812	Education of the deaf	19.01070300	Stimulus Magnification (Hearing)
				0400 Manual Communication	
				0500 Electronic Reproduction	
				0600 Typing for Communication	
				0700 Speech Reading (Lip Reading)	
				19.04010000 Auditory Training: Stimulation	
				020000 Auditory Training: Development	
				030000 Auditory Training: Correction	
0813	Education of the culturally disadvantaged	0813	Education of the culturally disadvantaged	-----	
0814	Education of the visually handicapped	0814	Education of the visually handicapped	19.01070100	Braille Reading and Writing
				0200 Stimulus Magnification (Visual)	
				19.04090000 Visual Stimulation	
				100000 Visual Development	
				110000 Visual Correction	
0815	Speech Correction	0815	Speech correction	19.01040000	Speech Stimulation
				050000 Speech Development	
				060000 Speech Correction	

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0816	Remedial education	0816	Remedial education	-----	
0817	Special learning disabilities	0818	Special learning disabilities	-----	
0819	Education of the physically handicapped	0819	Education of the physically handicapped	19.030000000	Motoric Skills
				010000	Dexterity Skills
				0100	Gross Motor Skills
				0200	Fine Motor Skills
				020000	Physical Management
				0100	Self-Help Skills
				0200	Use of Devices and Equipment (Ordinary and Special)
				0300	Personal Safety
				030000	Mobility Training
				0100	Orientation
				0200	Travel
				990000	Other Motoric Skills
				19.04040000	Tactile and Kinesthetic Stimulation
				050000	Tactile and Kinesthetic Development
				060000	Tactile and Kinesthetic Correction
0820	Education of the multiple handicapped	0820	Education of the multiple handicapped	-----	
0821	Social foundations (history and philosophy of education)	0821	Social foundations (history and philosophy of education)	-----	
0822	Educational psychology (include learning theory)	0822	Educational psychology (include learning theory)	15.12020000	Educational Psychology
0823	Pre-elementary education (kindergarten)	0823	Pre-elementary education	18.01010100	Preprimary Level
0824	Educational statistics and research	0824	Educational statistics and research	-----	
0825	Education testing, evaluation, and measurement	0825	Education testing, evaluation, and measurement	-----	
0826	Student personnel (counseling and guidance)	0826	Student personnel (counseling and guidance)	-----	

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0827	Educational administration	0827	Educational administration
0828	Educational supervision	0828	Educational supervision
0829	Curriculum and instruction	0829	Curriculum and instruction
0830	Reading education (methodology and theory)	0830	Reading education
0831	Art education (methodology and theory)	0831	Art education
0832	Music education (methodology and theory)	0832	Music education
0833	Mathematics education (methodology and theory)	0833	Mathematics education
0834	Science education (methodology and theory)	0834	Science education
0835	Physical education	0835	Physical education
0836	Driver and safety education	0836	Driver and safety education
0837	Health education (include family life education)	0837	Health education (include family life education)
0838	Business, commerce, and distributive education	0838	Business, commerce, and distributive education
0839	Industrial arts, vocational, and technical education	0839	Industrial arts, vocational, and technical education
----		0840	Home economics, agriculture, and related education
----		0841	Foreign language education
----		0842	Vocational rehabilitation

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-----	0843	Comparative education	-----
-----	0844	Educational experimentation	-----
-----	0845	Educational technologies	-----
0899	0899	Other, specify	-----

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HEGIS Code	HEGIS Description	HEGIS Code	HEGIS Description	HEGIS Code	HEGIS Description	HEGIS Code	HEGIS Description
0900	ENGINEERING	0900	TECHNOLOGY				
0901	Engineering, general	0901	Technology, general				
0925	Engineering technologies (baccalaureate and higher programs)			10.16040000	Transportation		
5301	Mechanical and engineering technologies, general			13.04050000	Space Exploration		
0902	Aerospace, aeronautical, and astronautical engineering	0902	Aerospace, aeronautical, and astronautical technology, general	.04000100	Aeronautics		
0925	Engineering technologies (baccalaureate and higher programs)			0200	Astronautics		
5302	Aerospace and aviation technologies			16.01010000	Aeronautical Technology		
0903	Agricultural engineering	0903	Agricultural technology, general	17.04000000	Aviation Occupations		
0925	Engineering technologies (baccalaureate and higher programs)			010000	Aircraft Maintenance		
0905	Bioengineering and biomedical engineering	0905	Bioengineering and biomedical technology	0100	Air Frame		
0925	Engineering technologies (baccalaureate and higher programs)			0200	Power Plant		
0906	Chemical engineering (include petroleum refining)	0906	Chemical technology, general	9900	Other Aircraft Maintenance		
0925	Engineering technologies (baccalaureate and higher programs)			16.01020000	Agricultural Technology		
5305	Chemical technologies (include plastics)			0100	Agricultural Electrification Technology		
				0200	Agricultural Machinery and Equipment Technology		
				0300	Agricultural Structures and Conveniences		
				9900	Other Agricultural Technology		
				16.01050000	Chemical Technology		

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Code	Description	Code	Description	Code	Description
0907	Petroleum engineering (exclude petroleum refining)	0907	Petroleum technology	16.01160000	Petroleum Technology
0925	Engineering technologies (baccalaureate and higher programs)				
0908	Civil, construction, and transportation engineering	0908	Civil, construction, and transportation technology, general	10.01000000	Construction
0925	Engineering technologies (baccalaureate and higher programs)			16.01060000	Civil Technology
5309	Civil technologies (surveying, photogrammetry, etc.)			0100	Roadway Technology
5316	Construction and building technologies (carpentry, electrical work, plumbing, sheet metal, air conditioning, heating, etc.)			0200	Sanitation Technology
				0300	Structural Technology
				9900	Other Civil Technology
0909	Electrical, electronics, and communications engineering	0909	Electrical, electronics, and communications technology, general	10.04000000	Electricity/Electronics
0925	Engineering technologies (baccalaureate and higher programs)			010000	Electricity
5310	Electronics and machine technologies (television, appliance, office machine repair, etc.)			020000	Electricity/Electronics
5311	Electromechanical technologies			030000	Electronics
				990000	Other Electricity/Electronics
				16.01070000	Electrical Technology
				080000	Electromechanical Technology
				17.02000000	Appliance Repair
				010000	Electrical Appliances
				.14000000	Electrical Occupations
				010000	Industrial Electricians
				020000	Lineman
				030000	Motor Repairman
				990000	Other Electrical Occupations
				.15000000	Electronics Occupations
				010000	Communications
				020000	Industrial Electronics
				030000	Radio/Television
				990000	Other Electronics Occupations
				22.02030300	Electronics
				01	Communications
				02	Radar
				03	Sonar
				99	Other Electronics

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0910 0925	Mechanical engineering Engineering technologies (baccalaureate and higher programs)	16.01090000 .01130000
5301	Mechanical and engineering technologies, general	Electromechanical Technology Mechanical Technology
5310	Electronics and machine technologies (television, appliance, office machine repair, etc.)	Energy Conversion Machine and Tool Design Production
5311 5315	Electromechanical technologies Mechanical technologies	Other Mechanical Technology 9900
0911 0925	Geological engineering Engineering technologies (baccalaureate and higher programs)	-----
0912 0925	Geophysical engineering Engineering technologies (baccalaureate and higher programs)	-----
0913 0925	Industrial and management engineering technologies (baccalaureate and higher programs)	-----
5312	Industrial technologies	16.01110000 Industrial Technology
0914 0925	Metallurgical engineering Engineering technologies (baccalaureate and higher programs)	10.14030000 16.01140000 17.24000000
0915 0925	Materials engineering Engineering technologies (baccalaureate and higher programs)	10.12000000 020000 030000 040000 990000

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0916	Ceramic engineering	0916	Ceramics and clay technology	-----	
0925	Engineering technologies (baccalaureate and higher programs)				
0917	Textile engineering	0917	Textile and cordage technology	-----	
0925	Engineering technologies (baccalaureate and higher programs)				
5313	Textile technologies				
0918	Mining and mineral engineering	0918	Mining and mineral technology, general	-----	
0925	Engineering technologies (baccalaureate and higher programs)				
0919	Engineering physics	0919	Applied physics	-----	
0920	Nuclear engineering	0920	Nuclear technology	16.01150000	Nuclear Technology
0925	Engineering technologies (baccalaureate and higher programs)			17.20000000	Industrial Atomic Energy Occupations
5316	Nuclear technologies			010000	Installation, Operation, and Maintenance of Reactors
				020000	Radiography
				030000	Industrial Uses of Radioisotopes
				990000	Other Industrial Atomic Energy Occupations
0921	Engineering mechanics	0921	Applied mechanics	-----	
0922	Environmental and sanitary engineering technologies (baccalaureate and higher programs)	0922	Environmental and sanitary technology, general	16.01060200	Sanitation Technology
5408	Sanitation and public health inspection technologies (environmental health technologies)				
0923	Naval architecture and marine engineering technologies (baccalaureate and higher programs)	0923	Naval architecture and marine technology, general	10.16040000	Transportation

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0924	Ocean engineering Engineering technologies (baccalaureate and higher programs)	0924	Ocean technology, general	16.06040000	Oceanographic Technology (Physical, Biological, and Fisheries)
0925	Engineering technologies (baccalaureate and higher programs)	0926	Land and road vehicle technology, general	10.16000000	Power/Automotive Mechanics Automotive Mechanics Power/Automotive Mechanics Power Mechanics Transportation Other Power/Automotive Mechanics Automotive Technology Automotive Services Body and Fender Mechanics Specialization Other Automotive Industries Heavy Equipment Maintenance
5306	Automotive technologies				
5307	Diesel technologies				
0925	Engineering technologies (baccalaureate and higher programs)	0927	Military technology, general	-----	
0925	Engineering technologies (baccalaureate and higher programs)	0928	Steam, hydraulic, and pneumatic energy technology	10.12010000 16.01100000 0100 0200 0300 9900	Fluid Power Environmental-Control Technology Cooling Heating Refrigeration Other Environmental-Control Technology
				17.01000000 010000 020000 030000 990000 .30000000 .32000000 010000 990000	Air Conditioning Cooling Heating Ventilating (Filtering and Humidification) Other Air Conditioning Refrigeration Stationary Energy Sources Occupations Electric Power Generating Plants Other Stationary Energy Sources Occupations

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0925	Engineering technologies (baccalaureate and higher programs)	17.12000000 Diesel Mechanic .31000000 Small Engine Repair (Internal Combustion) .32000000 Stationary Energy Sources Occupations 010000 Electric Power Generating Plants 020000 Pumping Plants 990000 Other Stationary Energy Sources Occupations
0925	Engineering technologies (baccalaureate and higher programs)	17.10070000 Plumbing and Pipe Fitting .32020000 Pumping Plants
----	----	Metals
207	Workshop practice, general	10.14000000 Metals 010000 Sheet Metal 040000 Welding 050000 Other Metals 990000 Plastics .15000000 Plastics 010000 Plastics Technology 020000 Other Plastics 990000 Metalworking Occupations 17.23000000 Foundry 010000 Machine Shop 020000 Metal Trades (Combined) 040000 Sheet Metal 050000 Welding and Cutting 060000 Gas Welding 0100 Electric Welding 0200 Combination Welding 0300 Brazing and Soldering 0400 Other Welding and Cutting 9900 Tool and Die Making 070000 Die Sinking 080000 Metal Pattermaking Occupations 090000 Other Metalworking Occupations 990000 Plastics Occupations .27000000
----	Packing and dispatch technology	-----
0932	Packing and dispatch technology	-----

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0933	Machining technology	10.14020000 030000 990000	Metal Machining (Metal Shop) Metal Technology Other Metals Machine Shop Machine Tool Operation Metal Trades (Combined) Other Metalworking Occupations
0934	Traffic planning	-----	
0935	Special chemicals technology	-----	
0936	Explosives technology	-----	
0937	Fuels, heating, and combustion technology	-----	
0938	Beverages technology	-----	
0939	Stimulants, tobacco, and narcotics technology	01.04020200	Tobacco
0940	Food technology	01.04010000 0100 0200 0300 0400 0500 9900	Food Products Meat, Fish, Poultry, Eggs Dairy Products Fruits and Vegetables Cereal Grains Oil Seeds Other Food Products Food Processing Technology Meat Cutter
0941	Preservation technology	-----	
0942	Oils, fats, and waxes technology	01.04000000 010000 0100 0200 0300 0500 9900 020000 0100 9900 990000	Agricultural Products Food Products Meat, Fish, Poultry, Eggs Dairy Products Fruits and Vegetables Oilseeds Other Food Products Nonfood Products Cotton Other Nonfood Products Other Agricultural Products
0113	Food science and technology		
0116	Agriculture and forestry technologies (baccalaureate and higher programs)		
5402	Agriculture technologies (include horticulture)		



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---	0943	Glass technology	-----
---	0944	Gypsum, lime, cement, and allied technology	-----
---	0945	Color, dye, and paint technology	-----
---	0946	Various organic chemical technology	-----
1009	0947	Precious metal and gem technology	-----
---	0948	Iron and steel goods technology	-----
---	0949	Non-ferrous metal goods technology	-----
---	0950	Timber and woodwork technology	10.19000000 Woods 010000 Woods Technology 020000 Other Woods 990000 17.36000000 Woodworking Occupations 010000 Millwork and Cabinet Making 990000 Other Woodworking Occupations
---	0951	Leather technology	17.34000000 Leatherworking 010000 Shoe Manufacturing 020000 Shoe Repair 990000 Other Leatherworking
---	0952	Paper and pulp technology	01.07040000 Wood Utilization 16.06030000 Forestry Technology
---	0953	Macromolecular materials technology	10.15000000 Plastics 010000 Plastics 020000 Plastics Technology 990000 Other Plastics 17.27000000 Plastics Occupations
---	0954	Stone technology	-----
---	0955	Various natural processable materials technology	-----

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5314	Instrumentation technologies (HEGIS)	0956	Precision mechanisms, apparatus, machines, and instruments technology	10.12050000 060000 16.01120000 17.21000000	Instrumentation Numerical Control Instrumentation Technology Instrument Maintenance and Repair Occupations Instruments (Other than Watches and Clocks) Watchmaking and Repair
---	---	0957	Smithery, farriery, and hand- forged ironwork technology	---	---
---	---	0958	Ironmongery and hardware technology	---	---
---	---	0959	Upholstering	17.35000000	Upholstering
---	---	0960	Saddlery, footwear, and gloves technology	17.34000000 010000 020000 990000	Leatherworking Shoe Manufacturing Shoe Repair Other Leatherworking
---	---	0961	Travel, sport, games, and other equipment technology	---	---
---	---	0962	Bookbinding technology	---	---
---	---	0963	Picture frame and mirror technology	---	---
---	---	0964	Writing, drawing, and artists' materials technology	---	---
---	---	0965	Clothing technology	09.02020000	Clothing Management, Production, and Services
---	---	0966	Fancy and decorative goods technology	17.33000000 010000 020000 990000	Textile Production and Fabrication Dressmaking Tailoring Other Textile Production and Fabrication

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5317 Construction and building technologies (carpentry, electrical work, plumbing, sheet metal, air conditioning, heating, etc.)						10.14000000 Metals 010000 Sheet Metal 040000 Other Metals 990000
5308 Welding technologies						17.23000000 Metalworking Occupations Machine Shop 020000 Metal Trades (Combined) 040000 Sheet Metal 050000 Other Metalworking 990000
5317 Construction and building technologies (carpentry, electrical work, plumbing, sheet metal, air conditioning, heating, etc.)		0968 Welding, flame cutting, and related work				10.14050000 Welding and Cutting 17.23060000 Gas Welding 0100 Electric Welding 0200 Combination Welding 0300 Brazing and Soldering Operations 0400 Other Welding and Cutting 9900
5317 Construction and building technologies (carpentry, electrical work, plumbing, sheet metal, air conditioning, heating, etc.)			0969 Electrical assembling, installing, and repairing			17.10020000 Electricity
5317 Construction and building technologies (carpentry, electrical work, plumbing, sheet metal, air conditioning, heating, etc.)				0970 Painting, plastering, waterproofing, cementing, and related work		17.10050000 Painting and Decorating 060000 Plastering 080000 Drywall Installation
5317 Construction and building technologies (carpentry, electrical work, plumbing, sheet metal, air conditioning, heating, etc.)					0971 Excavating, grading, paving, and related work	17.10300000 Heavy Equipment 0200 Operation

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5317	Construction and building technologies (carpentry, electrical work, plumbing, sheet metal, air conditioning, heating, etc.)	0972	Carpentry (excludes millworking and cabinet making)	17.10010000	Carpentry	
5317	Construction and building technologies (carpentry, electrical work, plumbing, sheet metal, air conditioning, heating, etc.)	0973	Masonry (includes bricklaying)	17.10040000	Masonry	
5317	Construction and building technologies (carpentry, electrical work, plumbing, sheet metal, air conditioning, heating, etc.)	0974	Plumbing and pipefitting	17.10070000	Plumbing and Pipefitting	
5317	Construction and building technologies (carpentry, electrical work, plumbing, sheet metal, air conditioning, heating, etc.)	0975	Glazing	17.10090000	Glazing	
5317	Construction and building technologies (carpentry, electrical work, plumbing, sheet metal, air conditioning, heating, etc.)	0976	Roofing	17.10100000	Roofing	
5317	Construction and building technologies (carpentry, electrical work, plumbing, sheet metal, air conditioning, heating, etc.)	0977	Other structural work	17.10990000	Other Construction and Maintenance Trades	

A TAXONOMY OF INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION (HEGIS)	A TAXONOMY OF POSTSECONDARY EDUCATION SUBJECT MATTER AREAS	STANDARD TERMINOLOGY FOR CURRICULUM AND INSTRUCTION IN LOCAL AND STATE SCHOOL SYSTEMS (HANDBOOK VI)
5303	Engineering graphics (tool and machine drafting and design)	02.02030200
5304	Architectural drafting technologies	10.03000000 Drafting Architectural Drafting Descriptive Drafting Drafting Drafting Technology Engineering Drawing Industrial Design Mechanical Drawing Technical Illustration Other Drafting Blueprint Reading Product Design Drafting Occupations
5309	Civil technologies (surveying, photogrammetry, etc.)	-----
0999	Other, specify	10.99000000
5399	Other, specify	16.01990000
		17.99000000

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1000	FINE AND APPLIED ARTS	1000	FINE AND APPLIED ARTS	02.00000000 12.00000000	ART MUSIC
1001	Fine arts, general	1001	Fine arts, general	02.02000000 010000 0100 0200 990000	Art Studio Basic Design Two-dimensional Design Three-dimensional Design Other Art Studio
1003	Art history and appreciation	1003	Art history and appreciation	02.01000000 010000 020000 990000 08.04050300	Art History and Theory Art History Art Theory Other Art History and Theory Music
1006	Music history and appreciation	1006	Music history and appreciation	12.01000000 02000000 99000000	Music (General Education) Music Literature and/or History Other Music
1005	Music (liberal arts program)				
1007	Dramatic arts	1007	Dramatic arts	05.06000000 010000 020000 030000 040000 050000 060000 070000 080000 990000 08.03040000	Dramatic Arts Acting Dramatic Literature Creative Dramatics Play Production Playwriting Technical Theater and Design Theatre Criticism Theatre History Other Dramatic Arts Dance, Rhythms, and Dramatic Activities Dramatic Activities Folk Festival Free Play Mimetics Pageantry Story Play Other Dramatic Activities Drama
				0300 01 02 03 04 05 99	
				.04050200	

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1008	Dance	1008	Dance	08.03040000	Dance, Rhythms, and Dramatic Activities Dance (Physical Education) Folk Dance Modern Dance Social Dance Square Dance Rhythms Dance Rhythm and Body Movement
1010	Cinematography	1010	Cinematography	-----	
1011	Photography	1011	Photography	02.02070000	Photography and Related Media
5012	Applied arts, graphic arts, and fine arts technologies	1012	Applied photography	10.07020000 17.09000000 010000	Photography Commercial Photography Occupations Photographic, Laboratory and Darkroom Occupations Other Commercial Photography Occupations
-----		1013	Holography	-----	
5012	Applied arts, graphic arts, and fine arts technologies	1014	Photomechanical printing processes	10.07030000 17.19030000 040000	Photolithography (Photo-offset-Lithography or Offset) Lithography, Photography, and Platemaking Photoengraving
5012	Applied arts, graphic arts, and fine arts technologies	1015	Engraving and printing	02.02080000 10.07000000 010000 040000 990000 17.19000000 010000 020000 030000 050000 060000 990000	Printmaking Graphic Arts Graphic Arts Printing Other Graphic Arts Graphic Arts Occupations Composition, Makeup, and Typesetting Printing Press Occupations Lithography, Photography, and Platemaking Silk Screen Making and Printing Bookbinding Other Graphic Arts

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1002	Art (painting, drawing, sculpture)	1016	Painting	02.02060000	Painting
1002	Art (painting, drawing, sculpture)	1017	Drawing and sketching	02.02050000	Drawing
1002	Art (painting, drawing, sculpture)	1018	Sculpture and plastic arts	02.02040000	Crafts
1009	Applied design (ceramics, weaving, textile design, fashion design, jewelry, metalsmithing, interior decoration, commercial art)			0100	Metalwork and Jewelry
				0200	Pottery and Ceramics
				0300	Textiles
				9900	Other Crafts
5012	Applied arts, graphic arts, and fine arts technologies			090000	Sculpture
				08.04010000	Arts and Crafts
-----				-----	
1004	Music (performing, composition, theory)	1019	Architecture	12.04000000	Vocal Music
1005	Music (liberal arts program)	1020	Applied music	010000	Choir, Chorus, and/or Glee Club
				0100	Female
				0200	Male
				0300	Mixed
				020000	Vocal Instruction
				0100	Group
				0200	Individual
				030000	Small Vocal Ensembles
				990000	Other Vocal Music
				.05000000	Instrumental Music
				010000	Band
				0100	Concert
				0200	Marching
				0300	Stage
				9900	Other Band
				020000	Orchestra
				0100	Chamber
				0200	Full
				0300	String
				9900	Other Orchestra
				030000	Small Instrumental Ensembles
				040000	Instrumental Instruction
				0100	Group
				0200	Individual
				990000	Other Instrumental Music

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1004	Music (performing, composition, theory)	1021	Music composition	-----	
1005	Music (liberal arts program)				
1004	Music (performing, composition, theory)	1022	Music theory	12.03000000	Music Theory
1005	Music (liberal arts program)			010000	Fundamentals
				020000	Harmony
				990000	Other Music Theory
1009	Applied design (ceramics, weaving, textile design, fashion design, jewelry, metalsmithing, interior decoration, commercial art)	1023	Industrial and commercial design.	02.02020000	Commercial Design
				0100	Advertising and Graphic Design
				0200	Design for the Performing Arts
				0300	Fashion Design
				0400	Technical and Medical Illustration
5012	Applied arts, graphic arts, and fine arts technologies			9900	Other Commercial Design
				030000	Environmental Design
				0200	Industrial and Product Design
				04.00005100	Commercial Design
				17.07000000	Commercial Art Occupations
				010000	Interior Decorating
				020000	Window Display
				030000	Product Design
				990000	Other Commercial Art Occupations
1009	Applied design (ceramics, weaving, textile design, fashion design, jewelry, metalsmithing, interior decoration, commercial art)	1024	Minor arts and crafts (industrial and domestic)	08.04010000	Arts and Crafts
				10.02000000	Crafts (Industrial)
				010000	Art Metals
				020000	Ceramics
				030000	Crafts (Industrial)
				040000	Industrial Crafts
				050000	Leather
				060000	Textiles
				990000	Other Crafts (Industrial)
-----		1025	Public entertainment	-----	
-----		1026	Art restoration	-----	
-----		1027	Modeling and standing-in	-----	
1099	Other, specify	1099	Other, specify	02.99000000	Other Art
				08.04059900	Other Performing Arts
				12.99000000	Other Music
				17.07990000	Other Commercial Art Occupations

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1100	FOREIGN LANGUAGES	1100	FOREIGN LANGUAGES	06.00000000	FOREIGN LANGUAGES
1101	Foreign languages, general (includes concentration on more than one foreign language without major emphasis on one language)	1101	Foreign languages, general	06.01000000	Classical Languages
				06.02000000	Modern Foreign Languages
1102	French	1102	French	06.02080000	French
				.02000100	Culture
				0200	Listening Comprehension
				0300	Reading
				0400	Speaking
				0500	Study of Literature
				0600	Translation
				0700	Writing
				9900	Other Skills, Knowledge, and Understanding
1103	German	1103	German	06.02090000	German
				.02000100	Culture
				0200	Listening Comprehension
				0300	Reading
				0400	Speaking
				0500	Study of Literature
				0600	Translation
				0700	Writing
				9900	Other Skills, Knowledge, and Understanding
1104	Italian	1104	Italian	06.02130000	Italian
				.02000100	Culture
				0200	Listening Comprehension
				0300	Reading
				0400	Speaking
				0500	Study of Literature
				0600	Translation
				0700	Writing
				9900	Other Skills, Knowledge, and Understanding

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1105	Spanish	06.02190000 Spanish Culture .02000100 Listening Comprehension 0200 Reading 0300 Speaking 0400 Study of Literature 0500 Translation 0600 Writing 0700 Other Skills, Knowledge, and Understanding 9900
1106	Russian	06.02180000 Russian Culture .02000100 Listening Comprehension 0200 Reading 0300 Speaking 0400 Study of Literature 0500 Translation 0600 Writing 0700 Other Skills, Knowledge, and Understanding 9900
1107	Chinese	06.01020000 Chinese (Classical) Culture .01000100 Listening Comprehension 0200 Reading 0300 Speaking 0400 Study of Literature 0500 Translation 0600 Writing 0700 Other Skills, Knowledge, and Understanding 9900
1108	Japanese	06.02030000 Chinese, Modern Mandarin Chinese, Cantonese 040000 06.02140000 Japanese Culture .02000100 Listening Comprehension 0200 Reading 0300 Speaking 0400 Study of Literature 0500 Translation 0600 Writing 0700 Other Skills, Knowledge, and Understanding 9900

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1109	Latin	1109	Latin	06.01050000 .01000100	Latin (Classical) Culture Listening Comprehension Reading Speaking Study of Literature Translation Writing Other Skills, Knowledge, and Understanding
1110	Greek, classical	1110	Greek, classical	06.01030000 .01000100	Greek (Classical) Culture Listening Comprehension Reading Speaking Study of Literature Translation Writing Other Skills, Knowledge, and Understanding
1111	Hebrew	1111	Hebrew	06.01040000 .01000100	Hebrew (Classical/Biblical) Culture Listening Comprehension Reading Speaking Study of Literature Translation Writing Other Skills, Knowledge, and Understanding
				06.02120000 .02000100	Hebrew, Modern (Israeli) Culture Listening Comprehension Reading Speaking Study of Literature Translation Writing Other Skills, Knowledge, and Understanding

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1112	Arabic	1112	Arabic	06.01010000 .01000100 0200 0300 0400 0500 0600 0700 9900	Arabic (Classical) Culture Listening Comprehension Reading Speaking Study of Literature Translation Writing Other Skills, Knowledge, and Understanding
1113	Indian (Asiatic)	1113	Indian (Asiatic) languages	06.02010000 020000 .02000100 0200 0300 0400 0500 0600 0700 9900	Arabic, Modern Standard Arabic, Colloquial Culture Listening Comprehension Reading Speaking Study of Literature Translation Writing Other Skills, Knowledge, and Understanding
1114	Scandinavian languages	1114	Scandinavian languages	06.02060000 150000 220000 .02000100 0200 0300 0400 0500 0600 0700 9900	Danish Norwegian Swedish Culture Listening Comprehension Reading Speaking Study of Literature Translation Writing Other Skills, Knowledge, and Understanding
1115	Slavic languages (other than Russian)	1115	Slavic languages (other than Russian)	06.02050000 160000 .02000100 0200 0300 0400 0500 0600 0700 9900	Czech Polish Culture Listening Comprehension Reading Speaking Study of Literature Translation Writing Other Skills, Knowledge, and Understanding

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1116	African languages (non-semitic)	1116	African languages (non-Semitic)	-----	
----		1117	Portuguese	06.02170000	Portuguese
				.02000100	Culture
				0200	Listening Comprehension
				0300	Reading
				0400	Speaking
				0500	Study of Literature
				0600	Translation
				0700	Writing
				9900	Other Skills, Knowledge, and Understanding
----		1118	Greek, modern	06.02100000	Greek, Modern
				.02000100	Culture
				0200	Listening Comprehension
				0300	Reading
				0400	Speaking
				0500	Study of Literature
				0600	Translation
				0700	Writing
				9900	Other Skills, Knowledge, and Understanding
----		1119	Indian (American) languages	-----	
----		1120	Artificial languages	-----	
1199	Other, specify	1199	Other, specify	06.01990000	Other Classical Languages
				06.02110000	Hawaiian
				.02000100	Culture
				0200	Listening Comprehension
				0300	Reading
				0400	Speaking
				0500	Study of Literature
				0600	Translation
				0700	Writing
				9900	Other Skills, Knowledge, and Understanding
				.02990000	Other Modern Foreign Languages

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A TAXONOMY OF INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION (HEGIS)	HEALTH SERVICES	HEALTH OCCUPATIONS EDUCATION
1200 5200 HEALTH PROFESSIONS HEALTH SERVICES AND PARAMEDICAL TECHNOLOGIES	1200 HEALTH SERVICES	07.00000000 HEALTH OCCUPATIONS EDUCATION
1201 5201 Health professions, general Health services assistant technologies, general	1201 Health services, general	-----
1202 5201 Hospital and health care administration Health services assistant technologies, general	1202 Hospital and health care administration	-----
1203 5208 5209 Nursing (baccalaureate and and higher programs) Nursing, R.N. (less than 4-year program) Nursing, practical (L.P.N. or L.V.N. - less than 4-year program)	1203 Nursing, general	07.03000000 Nursing 010000 Nursing (Associate Degree) 020000 Practical Vocational Nursing 030000 Nursing Assistance (Aide) 040000 Psychiatric Aide 050000 Surgical Technician (Operating Room Technician) 060000 Obstetrical Technician 070000 Home Health Aide 080000 School Health Aide 990000 Other Nursing 16.03050000 Nursing (Associate Degree)
1204 Dentistry (D.D.S. or D.M.D. degree)	1204 Dentistry, general	-----
1206 Medicine (M.D. degree)	1206 Medicine, general	-----
1208 5210 Occupational therapy Occupational therapy technologies	1208 Occupational therapy	07.04010000 Occupational Therapy
1209 5212 Optometry Optical technologies (include ocular care, ophthalmic, optometric technologies)	1209 Optometry	07.06000000 Ophthalmic 010000 Ophthalmic Dressing 030000 Optometrist Assistant 990000 Other Ophthalmic

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1210	Osteopathic medicine (D.O. degree)	1210	Osteopathic medicine	-----
1211	Pharmacy	1211	Pharmacy	-----
1212 5219	Physical therapy Physical therapy technologies	1212	Physical therapy and rehabilitation	07.04020000 Physical Therapy
1213 5203	Dental hygiene (baccalaureate and higher programs) Dental hygiene technologies	1213	Dental hygiene	07.01020000 Dental Hygiene 16.03010000 Dental Hygiene
1214	Public health	1214	Public health	07.07000000 Environmental Health 010000 Environmental Health Assistant 030000 Sanitarian Assistant 990000 Other Environmental Health .09060000 Community Health Aide
1215 5213	Medical record librarianship Medical record technologies	1215	Medical record librarianship	-----
1216	Podiatry (Pod.D. or D.P.), or podiatric medicine (D.P.M.)	1216	Podiatry or podiatric medicine	-----
1218	Veterinary medicine (D.V.M. degree)	1218	Veterinary medicine, general	-----
1220	Speech pathology and audiology	1220	Speech pathology and audiology	-----
1221	Chiropractic	1221	Chiropractic	-----
1222 5216	Clinical social work (medical and psychiatric and specialized rehabilitation services) Psychiatric technologies (include mental health aide programs)	1222	Clinical social work (medical and psychiatric and specialized rehabilitation services)	-----

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1223	Medical laboratory technologies (baccalaureate and higher programs)	1223	Medical laboratory technologies	07.02000000	Medical Laboratory Technology
5205	Medical or biological laboratory assistant technologies			010000	Cytology
				020000	Histology
				030000	Medical Laboratory Assisting
				040000	Hematology
				990000	Other Medical Laboratory Technology
				16.03030000	Medical Laboratory Assisting
				07.01030000	Dental Laboratory Technology
				07.05000000	Radiologic
				010000	Radiologic Technology
				020000	Radiation Therapy
				030000	Nuclear Medical Technology
				990000	Other Radiologic
				.07020000	Radiological Health Technician
				16.03040000	Radiologic Technology
1224	Dental technologies (baccalaureate and higher programs)	1224	Dental laboratory technologies	-----	
5205	Dental laboratory technologies			-----	
1225	Radiologic technologies (baccalaureate and higher programs)	1225	Radiology	-----	
5207	Radiologic technologies (x-ray, etc.)			-----	
1205	Dental specialties (work beyond first-professional degree, D.D.S. or D.M.D.)	1226	Dental public health	-----	
1205	Dental specialties (work beyond first-professional degree, D.D.S. or D.M.D.)	1227	Endodontics	-----	
1205	Dental specialties (work beyond first-professional degree, D.D.S. or D.M.D.)	1228	Oral pathology	-----	
1205	Dental specialties (work beyond first-professional degree, D.D.S. or D.M.D.)	1229	Oral surgery	-----	

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1205	Dental specialties (work beyond first-professional degree, D.D.S. or D.M.D.)	1230	Orthodontics	-----	
1205	Dental specialties (work beyond first-professional degree, D.D.S. or D.M.D.)	1231	Pedodontics	-----	
1205	Dental specialties (work beyond first-professional degree, D.D.S. or D.M.D.)	1232	Periodontology	-----	
1205	Dental specialties (work beyond first-professional degree, D.D.S. or D.M.D.)	1233	Prosthodontics	-----	
5205	Dental assistant technologies	1234	Dental assisting	07-01000000 010000 990000	Dental Dental Assisting Other Dental
1207	Medical specialties (work beyond first-professional degree, M.D.)	1235	Aerospace medicine	-----	
1207	Medical specialties (work beyond first-professional degree, M.D.)	1236	Anesthesiology	-----	
1207	Medical specialties (work beyond first professional degree, M.D.)	1237	Dermatology	-----	
1207	Medical specialties (work beyond first-professional degree, M.D.)	1238	Forensic medicine	-----	
1207	Medical specialties (work beyond first-professional degree, M.D.)	1239	General practice/family practice	-----	

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1207	Medical specialties (work beyond first-professional degree, M.D.)	1240	Internal medicine	-----
1207	Medical specialties (work beyond first-professional degree, M.D.)	1241	Neurology	-----
1207	Medical specialties (work beyond first-professional degree, M.D.)	1242	Obstetrics and gynecology	07.03060000      Obstetrical Technician
1207	Medical specialties (work beyond first-professional degree, M.D.)	1243	Ophthalmology	07.06000000      Ophthalmic 010000      Ophthalmic Dispensing 020000      Orthoptics 030000      Optometrist Assistant 990000      Other Ophthalmic
5212	Optical technologies (include ocular care, ophthalmic, optometric technologies)			
1207	Medical specialties (work beyond first-professional degree, M.D.)	1244	Otorhinolaryngology	-----
1207	Medical specialties (work beyond first-professional degree, M.D.)	1245	Pathology, general	-----
1207	Medical specialties (work beyond first-professional degree, M.D.)	1246	Neuropathology	-----
1207	Medical specialties (work beyond first-professional degree, M.D.)	1247	Pediatrics, general	-----
1207	Medical specialties (work beyond first-professional degree, M.D.)	1248	Pediatric allergy	-----
1207	Medical specialties (work beyond first-professional degree, M.D.)	1249	Pediatric cardiology	-----

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1207	Medical specialties (work beyond first-professional degree, M.D.)	1250	Preventive medicine, general	-----	
1207	Medical specialties (work beyond first-professional degree, M.D.)	1251	Psychiatry, general	07.03040000	Psychiatric Aide
1207	Medical specialties (work beyond first-professional degree, M.D.)	1252	Child psychiatry	-----	
1207	Medical specialties (work beyond first-professional degree, M.D.)	1253	Surgery, general	07.03050000	Surgical Technician (Operating Room Technician)
5211	Surgical technologies				
1207	Medical specialties (work beyond first-professional degree, M.D.)	1254	Colon and rectal surgery	-----	
1207	Medical specialties (work beyond first-professional degree, M.D.)	1255	Neurological surgery	-----	
1207	Medical specialties (work beyond first-professional degree, M.D.)	1256	Orthopedic surgery	-----	
1207	Medical specialties (work beyond first-professional degree, M.D.)	1257	Plastic surgery	-----	
1207	Medical specialties (work beyond first-professional degree, M.D.)	1258	Thoracic surgery	-----	
1207	Medical specialties (work beyond first-professional degree, M.D.)	1259	Urology	-----	

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A TAXONOMY OF POSTSECONDARY  
EDUCATION SUBJECT MATTER AREAS

A TAXONOMY OF INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION (HEGIS)		A TAXONOMY OF POSTSECONDARY EDUCATION SUBJECT MATTER AREAS		STANDARD TERMINOLOGY FOR CURRICULUM AND INSTRUCTION IN LOCAL AND STATE SCHOOL SYSTEMS (HANDBOOK VI)	
5214	Medical assistant and medical office assistant technologies	1260	Medical assisting	07.09040000	Medical Assistant (Assistant in Physician's Office) Medical Emergency Technician
1219	Veterinary medicine specialties (work beyond first-professional degree, D.V.M.)	1261	Veterinary public health	-----	-----
1219	Veterinary medicine specialties (work beyond first-professional degree, D.V.M.)	1262	Veterinary toxicology	-----	-----
1219	Veterinary medicine specialties (work beyond first-professional degree, D.V.M.)	1263	Laboratory animal medicine	-----	-----
5206	Animal laboratory assistant technologies				
1219	Veterinary medicine specialties (work beyond first-professional degree, D.V.M.)	1264	Theriogenology	-----	-----
1219	Veterinary medicine specialties (work beyond first-professional degree, D.V.M.)	1265	Veterinary internal medicine	-----	-----
1219	Veterinary medicine specialties (work beyond first-professional degree, D.V.M.)	1266	Veterinary microbiology	-----	-----
1219	Veterinary medicine specialties (work beyond first-professional degree, D.V.M.)	1267	Veterinary ophthalmology	-----	-----
1219	Veterinary medicine specialties (work beyond first-professional degree, D.V.M.)	1268	Veterinary pathology	-----	-----
1219	Veterinary medicine specialties (work beyond first-professional degree, D.V.M.)	1269	Veterinary radiology	-----	-----



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A TAXONOMY OF POSTSECONDARY  
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PROGRAMS IN HIGHER EDUCATION  
(HEGIS)

1219	Veterinary medicine specialties (work beyond first-professional degree, D.V.M.)	1270	Veterinary surgery	-----
1219	Veterinary medicine specialties (work beyond first-professional degree, D.V.M.)	1271	Veterinary anesthesiology	-----
5206	Animal laboratory assistant technologies	1272	Veterinary medical assisting	-----
5215	Inhalation therapy technologies	1273	Inhalation therapy	07.09030000 Inhalation therapy
----		1274	Orthotics and prosthetics	07.04000000 Rehabilitation 030000 Prosthetics 040000 Orthotics .09100000 Orthopedic Assisting
5217	Electrodiagnostic technologies (include E.K.G., E.E.G., etc.)	1275	Electrodiagnostics	07.09010000 Electroencephalograph Technician 020000 Electrocardiograph Technician 16.03020000 Electroencephalograph Technician
----		1276	Blood bank technology	-----
----		1277	First aid	08.01060000 First Aid 22.01030000 Hygiene and First Aid .02020300 First Aid
----		1278	Safety education	08.02000000 Safety in Daily Living 010000 Explosives 020000 Firearms 030000 Fire Safety 040000 Holiday and Vacation Safety 050000 Personal Responsibility in Unsupervised Activities 060000 Safety in the Home 08.02070000 Safety in Physical Education and Recreation 080000 School Safety 090000 Traffic Safety

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0100	Bicycle, Motor Bike	
0200	Passenger	
0300	Pedestrian	
0400	Student Patrol	
9900	Other Traffic Safety	
100000	Vocational and Occupational Safety	
110000	Water Safety	
990000	Other Safety in Daily Living	
21.02000000	Safety Education	
010000	Civil Defense	
020000	Explosives	
030000	Law, Liability, and Responsibility	
040000	Personal Responsibility in Unsupervised Activities	
050000	Safety in the Home	
060000	School Safety	
070000	Traffic Safety	
0100	Bicycle, Motor Bike, Other	
0200	Passenger	
0300	Pedestrian	
0400	Student Patrol	
9900	Other Traffic Safety	
080000	Vocational and Occupational Safety	
990000	Other Safety Education	
08.01000000	Health	
08.01010000	Community Health	
020000	Consumer Health	
030000	Disease Prevention and Control: Communicable and Chronic	
040000	Environmental Health	
050000	Family Life Education (including Sex Education)	
070000	Growth and Development	
080000	Harmful Substances	
090000	Health Careers	
100000	Health Maintenance and Care	
0100	Foods and Nutrition	
0200	Dental Health	
0300	Physical Fitness: Exercise, Work, Sleep, Rest, Relaxation, and Recreation	
0400	Personal Grooming and Body Care	
9900	Other Health Maintenance and Care	
110000	International Health	
990000	Other Health	
1279	General and personal health and hygiene	

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-----	1280	Mental Health	07.08000000	Mental Health Technology
			010000	Mental Health Technician
			020000	Mental Retardation Aide
			990000	Other Mental Health Technology
			08.01100500	Mental Health
-----	1281	Mortuary Science	07.09090000	Mortuary Science
-----	1282	Acupuncture	-----	
1299	1299	Other, specify	07.04990000	Other Rehabilitation
5299		Other, specify	.09000000	Miscellaneous Health Occupations Education
			050000	Central Supply Technician
			.99000000	Other Health Occupations Education
			16.03990000	Other Health-related Technology

A TAXONOMY OF INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION (HEGIS)		A TAXONOMY OF POSTSECONDARY EDUCATION SUBJECT MATTER AREAS		STANDARD TERMINOLOGY FOR CURRICULUM AND INSTRUCTION IN LOCAL AND STATE SCHOOL SYSTEMS (HANDBOOK VI)	
1300	HOME ECONOMICS	1300	HOME ECONOMICS	09.00000000	HOME ECONOMICS
1301	Home economics, general	1301	Home economics, general	09.01000000	Homemaking-Preparation for Personal, Home, and Family Living Comprehensive Homemaking or Home Economics
				010000	
				.02000000	Occupational Preparation
				16.05000000	Home Economics-Related Technology
1302	Home decoration and home equipment	1302	Home decoration and home equipment	09.01090000	Housing and Home Furnishings
				.02040000	Home Furnishings, Equipment, and Services
				16.05050000	Interior Decorator Assistant
				060000	Home Equipment Demonstrator
				17.07010000	Interior Decorating
1303	Clothing and textiles	1303	Clothing and textiles	09.01030000	Clothing and Textiles
1304	Consumer economics and home management	1304	Consumer economics and home management	03.15000000	Consumer Education
				.18010000	Consumer Economics
				.30000000	Personal Finance
				04.00008200	Product Information
				8300	Nontextiles
				8400	Textiles
				09.01040000	Consumer Education
				080000	Home Management
				09.02050000	Institutional and Home Management and Supporting Services
				15.05000000	Consumer Education
1305	Family relations and child development	1305	Family relations and child development	09.01020000	Child Development
				050000	Family Health
				060000	Family Relations
1306	Foods and nutrition (include dietetics)	1306	Foods and nutrition (include dietetics)	07.09080000	Food Service Supervisor
				09.01070000	Foods and Nutrition

A TAXONOMY OF INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION (HEGIS)

A TAXONOMY OF POSTSECONDARY EDUCATION SUBJECT MATTER AREAS

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-----	1308	Child care and guidance	09.02010000 16.05010000 020000 030000	Care and Guidance of Children Child Care Center Assistant Hospital Children's Division Assistant Teacher's Assistant at the Preprimary Level
-----	1309	Geriatric care	-----	
1399	1399	Other, specify	09.01990000 .02990000 16.05990000	Other Homemaking Other Occupational Preparation Other Home Economics--Related Technology

A TAXONOMY OF INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION (HEGIS)

A TAXONOMY OF POSTSECONDARY EDUCATION SUBJECT MATTER AREAS

STANDARD TERMINOLOGY FOR CURRICULUM AND INSTRUCTION IN LOCAL AND STATE SCHOOL SYSTEMS (HANDBOOK VI)

1400	LAW	1400	LAW	---	---
1401	Law, general	1401	Law, general	---	---
---	---	1402	Comparative law	---	---
---	---	1403	International law	---	---
---	---	1404	Public law	---	---
---	---	1405	Criminal law	---	---
---	---	1406	Private law	---	---
---	---	1407	Commercial law	03.09000000	Business Law
---	---	---	---	04.00008700	Business Law
---	---	1408	Legal procedures and organization	---	---
1499	Other, specify	1499	Other, specify	---	---

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(HANDBOOK VI)

1500	LETTERS	1500	LETTERS	05.00000000	English Language Arts
1501	English, general	1501	English, general	03.06000000	Business Communications
				030000	Spelling and Vocabulary Building
				990000	Other Business Communication
				04.00008800	Communications for Distribution
				05.01000000	Language Skills
				010000	Reading
				0100	Reading Readiness
				0200	Beginning Reading
				0300	Developmental Reading Program
				0400	Basal Reader Program
				0500	Remedial Reading Program
				0600	Individualized Reading
				0700	Oral Reading
				0800	Initial Teaching Alphabet
				9900	Other Reading
				020000	Handwriting
				0100	Manuscript Writing
				0200	Cursive Writing
				9900	Other Handwriting
				030000	Spelling
				040000	Punctuation
				050000	Listening
				060000	Dictionary Skills
				070000	Reference Skills
				080000	Voice and Diction
				990000	Other Language Skills
				08.04020000	Communication Arts
				19.01000000	Communication Skills
				010000	Language Stimulation
				020000	Language Development
				030000	Language Correction
				040000	Speech Stimulation
				050000	Speech Development
				060000	Speech Correction
				990000	Other Communication Skills

STANDARD TERMINOLOGY FOR CURRICULUM  
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A TAXONOMY OF INSTRUCTIONAL  
PROGRAMS IN HIGHER EDUCATION  
(HEGIS)

1502	Literature, English	1502	Literature, English	05.03000000	Literature
				010000	American Literature
				040000	English Literature
				360000	Biography
				370000	Drama
				380000	Essay
				390000	Fiction
				400000	Poetry
				650000	Other Literature by Genre
				660000	Children's Literature
				670000	Literature for Adolescents
				680000	Myth and Legend
				990000	Other Literature
1503	Comparative literature	1503	Comparative literature	05.03020000	Biblical Literature
				050000	World Literature
				350000	Other Literature by Source
				360000	Biography
				370000	Drama
				380000	Essay
				390000	Fiction
				400000	Poetry
				650000	Other Literature by Genre
				660000	Children's Literature
				670000	Literature for Adolescents
				680000	Myth and Legend
				990000	Other Literature
1504	Classics	1504	Classics	05.03030000	Classical Literature
				360000	Biography
				370000	Drama
				380000	Essay
				390000	Fiction
				400000	Poetry
				650000	Other Literature by Genre
				660000	Children's Literature
				670000	Literature for Adolescents
				680000	Myth and Legend
				990000	Other Literature



A TAXONOMY OF INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION (HEGIS)	A TAXONOMY OF POSTSECONDARY EDUCATION SUBJECT MATTER AREAS	STANDARD TERMINOLOGY FOR CURRICULUM AND INSTRUCTION IN LOCAL AND STATE SCHOOL SYSTEMS (HANDBOOK VI)
1505	Linguistics (include phonetics, semantics, and philology)	Linguistics Phonology Phonetics Phonemics Grammar Traditional Grammar Structural Grammar (Descriptive) Generative Grammar Transformational Grammar Usage (Functional Grammar) History of the English Grammar Dialectology Semantics (Semology) Study About Language Other Linguistics
1506	Speech, debate, and forensic science (rhetoric and public address)	Speech Rhetoric and Public Address Public Speaking Argumentation and Debate Communication Theory Listening Effective Store Speech Rhetoric Persuasive Writing Discussion Speech Criticism Parliamentary Procedure Persuasion Other Rhetoric and Public Address Oral Interpretation of Literature Choral Speech Readers' Theatre Speech Improvement Voice and Diction Other Speech Improvement Other Speech Communication Skills Language Stimulation Language Development Language Correction Speech Stimulation Speech Development Speech Correction Other Communication Skills
1505	Linguistics (include phonetics, semantics, and philology)	05.02000000 010000 0100 0200 020000 0100 0200 0300 0400 030000 040000 050000 060000 070000 990000
1506	Speech, debate, and forensic science (rhetoric and public address)	05.05000000 010000 0100 0200 0300 0400 04.00009100 05.04010200 05.04020200 05.05010500 0600 0700 0800 9900 020000 0100 0200 030000 0100 9900 .05990000 19.01000000 010000 020000 030000 040000 050000 060000 990000

A TAXONOMY OF INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION (HEGIS)	A TAXONOMY OF POSTSECONDARY EDUCATION SUBJECT MATTER AREAS	STANDARD TERMINOLOGY FOR CURRICULUM AND INSTRUCTION IN LOCAL AND STATE SCHOOL SYSTEMS (HANDBOOK VI)
1507	Creative writing	05.04020300 Creative Writing
1508	Teaching of English as a foreign language	06.02070000 English as a Foreign Language
----	1511 Composition (exclude creative writing)	03.06010000 Business Correspondence 020000 Report Writing 04.00009700 Report Writing 05.04000000 Composition 010000 Theory 0100 Logic 0200 Rhetoric 0300 General Semantics 020000 Writing 0100 Expository Writing 0200 Persuasive Writing 0400 Narrative Writing 990000 Other Composition
1599	Other, specify	05.99000000 Other English Language Arts

STANDARD TERMINOLOGY FOR CURRICULUM  
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A TAXONOMY OF POSTSECONDARY  
EDUCATION SUBJECT MATTER AREAS

LIBRARY, ARCHIVAL, AND MUSEUM SCIENCES	-----
Library science, general	-----
Archival science, general	-----
Museum and related administration	-----
Other, specify	-----

A TAXONOMY OF INSTRUCTIONAL  
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LIBRARY SCIENCE	1600
Library science, general	1601
Library assistant technologies	
-----	1602
-----	1603
Other, specify	1699

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A TAXONOMY OF INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION (HEGIS)		A TAXONOMY OF POSTSECONDARY EDUCATION SUBJECT MATTER AREAS		STANDARD TERMINOLOGY FOR CURRICULUM AND INSTRUCTION IN LOCAL AND STATE SCHOOL SYSTEMS HANDBOOK VI	
1700	MATHEMATICS	1700	MATHEMATICS	11.00000000	MATHEMATICS
1701	Mathematics, general	1701	Mathematics, general	11.10000000	First-year College Mathematics for Elementary School Teachers General Mathematics First-year General Mathematics Second-year General Mathematics Third-year General Mathematics Fourth-year General Mathematics Liberal Arts Mathematics
1702	Statistics, mathematical and theoretical	1702	Statistics, mathematical and theoretical	11.11010300	Algebra and Statistics Algebra and Statistics Algebra and Statistics Algebra and Statistics Probability and Statistics
2007	Statistics in psychology	1703	Applied mathematics (theoretical applications)	03.07030000 10.09000000 11.05000000	Computer-Oriented Mathematics Industrial Arts Mathematics Applied Mathematics Business Arithmetic Consumer Mathematics Shop Mathematics Other Applied Mathematics Computer Mathematics
1703	Applied mathematics	1704	Arithmetic	11.02010000	Arithmetic Arithmetic Arithmetic Arithmetic
2007	Statistics in psychology	1705	Algebra	.11010100 020100 030100 040100	Algebra and Statistics Algebra First-year Second-year Third-year College Algebra Intermediate Algebra Linear Algebra Other Algebra Algebra and Trigonometry (Integrated) Elementary Functions Algebra and Statistics Algebra and Statistics
---	---	---	---	11.02030000 .03000000 010000 020000 030000 11.03040000 050000 060000 990000 .04000000 .09000000 .11010300 020300	(continued)

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STANDARD TERMINOLOGY FOR CURRICULUM  
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----	1706	Geometry	030300 Algebra and Statistics 040300 Algebra and Statistics .13000000 Introduction to Analysis  11.02020000 Geometry .07000000 Calculus with Analytic Geometry .12000000 Geometry 010000 Analytic Geometry 020000 Plane Geometry 030000 Plane and Solid Geometry 040000 Solid Geometry 990000 Other Geometry .13000000 Introduction to Analysis
----	1707	Trigonometry	11.04000000 Algebra and Trigonometry (Integrated) .13000000 Introduction to Analysis .16000000 Trigonometry
----	1708	Calculus	11.06000000 Calculus 010000 First-year Calculus 020000 Second-year Calculus .07000000 Calculus with Analytic Geometry
----	1709	Special methods of calculation	-----
1799	Other, specify	Other, specify	11.99000000 Other Mathematics

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1800 MILITARY SCIENCES  
1801 Military science (Army)

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1800 MILITARY SCIENCES  
1801 Military science (Army)

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22.00000000	JUNIOR ROTC
22.01000000	Army Junior ROTC
010000	Introduction to ROTC/NDCC and Military Organization
020000	Leadership
0100	Courtesies, Customs, and Rules of Conduct
0200	Leadership, Drill, and Exercise of Command
0300	Psychology of Leadership
0400	Principles of Leadership
9900	Other Leadership
030000	Hygiene and First Aid
040000	Weapons
0100	Individual Weapons
0200	Crew-served Weapons
9900	Other Weapons
050000	Marksmanship
060000	American Military History
070000	Small Unit Tactics: Infantry
0100	Individual
0200	Squad
0300	Platoon
0400	Company
0500	Battalion
9900	Other Small Unit Tactics: Infantry
080000	Map and Terrain Analysis
090000	Military Teaching Methods
100000	New Developments
110000	Military Service: Opportunities, Obligations, and Benefits
120000	Counterinsurgency
130000	Branches of the Army
140000	Communications
150000	Methods of Instruction
990000	Other Army Junior ROTC

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1802	Naval science (Navy, Marines)	1802	Naval science (Navy, Marines)	22.02000000	Navy Junior ROTC
				010000	Naval Science I
				0200	Drills, Commands, and Ceremonies
				0200	Orientation and Sea Power
				9900	Other Naval Science I Topics
				020000	Naval Science II
				0100	Adventures in Science
				01	Meteorology
				02	Oceanography
				99	Other Adventures in Science
					Topics
				0200	Drills, Commands, and Ceremonies
				22.02020300	First Aid
				0400	Navigation I
				0500	Seamanship
				9900	Other Naval Science II
				030000	Naval Science III
				0100	Adventure in Science
				01	Astronomy
				99	Other Adventures in Science
					Topics
				0200	Drills, Commands, and Ceremonies
				0300	Electronics
				01	Communications
				02	Radar
				03	Sonar
				99	Other Electronics
				0400	Judo
				0500	Leadership
				0600	Navigation II
				0700	Survival
				9900	Other Naval Science III
				990000	Other Navy Junior ROTC
				.04000000	Marine Corps, Junior ROTC
				010000	Military Training I
				0100	Introduction to Marine Corps
					Junior Reserve Officer
					Training Corps
				0200	History and Traditions of the
					Marine Corps
				0300	Military Organization
				0400	Courtesies, Customs, and Rules of
					Conduct
				0500	Hygiene
				0600	First Aid

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0700	Leadership, Drill, and Exercise of Command	0700	Individual Training for Atomic Warfare
0800	Weapons	9900	Other Military Training II
0900	Marksmanship	22.04030000	Military Training III
9900	Other Military Training I	0100	History and Traditions of the Marine Corps
020000	Military Training II	0200	Leadership, Drill, and Exercise of Command
0100	Military Organizations	0300	Weapons
0200	Leadership, Drill, and Exercise of Command	0400	Marksmanship
0300	Weapons	0500	Map and Aerial Photographs
0400	Marksmanship	0600	Small Unit Tactics: Infantry
0500	Small Unit Infantry Tactics	0700	Military Teaching Methods
0600	Map Reading and Use of the Compass	0800	New Developments
0700	Individual Training for Atomic Warfare	0900	Organization of the Marine Corps
9900	Other Military Training II	1000	Military Service: Opportunities, Obligations, and Benefits
22.04030000	Military Training III	9900	Other Military Training III
0100	History and Traditions of the Marine Corps	990000	Other Marine Corps Junior ROTC
0200	Leadership, Drill, and Exercise of Command	1803	Aerospace science (Air Force)
0300	Weapons	1803	Aerospace science (Air Force)
0400	Marksmanship	22.03000000	Air Force Junior ROTC
0500	Map and Aerial Photographs	010000	Introduction to Aerospace Education
0600	Small Unit Tactics: Infantry	0100	The Coming of the Aerospace Age
0700	Military Teaching Methods	0200	Aerospace and the American People
0800	New Developments	0300	Aircraft of Today
0900	Organization of the Marine Corps	0400	Space and the Universe
1000	Military Service: Opportunities, Obligations, and Benefits	0500	Spacecraft and Launch Vehicles
9900	Other Military Training III	0600	Weather
990000	Other Marine Corps Junior ROTC	0700	The Air Force Community
1803	Aerospace science (Air Force)	0800	Air Force Traditions, Customs, and Flight Drill
1803	Aerospace science (Air Force)	9900	Other Introduction to Aerospace Education

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020000	Elements of Aerospace Education
0100	Theory of Aircraft Flight
0200	Propulsion Systems for Aircraft
0300	Air Navigation
0400	Aerospace Industry and Research
0500	Civilian Aviation and Facilities
0600	Military Aerospace
0700	Techniques of Instruction and Ceremonial Drill
9900	Other Elements of Aerospace Education
030000	Aerospace Leadership
0100	Space Exploration: Manned and Unmanned Flight
0200	Space Technology/Propulsion: Guidance and Control of Space Vehicles
0300	International Space Programs
0400	Human Factors of Aviation and Space
0500	The Defense of the United States
0600	Aerospace Opportunities for the Individual
0700	Aerospace Leadership Application
9900	Other Aerospace Leadership
040000	National Security
0100	Elements of National Security, Part I
0200	Elements of National Security, Part II
0300	The Military Organizations in Action
9900	Other National Security
990000	Other Air Force Junior ROTC

-----  
1804 Coastal Science (Coast Guard)

-----  
1899 Other, specify

-----

1899 Other, specify

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1900	PHYSICAL SCIENCES	1900	PHYSICAL SCIENCES	13.00000000	NATURAL SCIENCES
1901	Physical sciences, general	1901	Physical sciences, general	13.03000000	Physical Sciences (including General Physical Science) Other Physical Sciences Technological Applications Other Major Aspects of the Physical Sciences
1902	Physics, general (exclude biophysics)	1902	Physics, general (excludes biophysics)	10.11000000	Industrial Arts Science (Applied Physics) Physics Heat Mechanics Optics Sound Wave Phenomena Matter-energy Exchange
1903	Molecular physics	1903	Molecular and atomic physics	13.03000200 1400 2300 2800	Atomic and Molecular Structure Kinetic Molecular Theory Periodic Properties Solid State Physics
1904	Nuclear physics	1904	Nuclear physics	13.03001900 2700	Nuclear Science Quantum Mechanics
1905	Chemistry, general (exclude biochemistry)	1905	Chemistry, general (excludes biochemistry)	10.10000000	Industrial Arts Science (Applied Chemistry) Chemistry Chemical Bonding Chemical Calculations Chemical Reactions Electricity and Magnetism Electronics Equilibrium
1906	Inorganic chemistry	1906	Inorganic chemistry	13.03001300	Inorganic Chemistry
1907	Organic chemistry	1907	Organic chemistry	13.03002200	Organic Chemistry

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1908	Physical chemistry	1908	Physical chemistry	3.03002400 2900 3300	Physical Chemistry Solution Phenomena Thermodynamics
1909	Analytical chemistry	1909	Analytical chemistry	13.03001600 2500 2600 3100 .04001400	Measurement Qualitative Analysis Quantitative Analysis Stoichiometry Measurement
1910	Pharmaceutical chemistry	1910	Pharmaceutical chemistry	-----	
1911	Astronomy	1911	Astronomy	13.03000100 .04000500 .04010000 22.02030101	Astronomy Cosmology Astronomy Astronomy
1912	Astrophysics	1912	Astrophysics	-----	
1913	Atmospheric sciences and meteorology	1913	Atmospheric sciences and meteorology	13.03001800 .04000400 .04030000 22.02020101 .03010600	Meteorology Climatology Meteorology Meteorology Weather
1914	Geology	1914	Geology	13.03001100 .04020000 .04001800	Geology Geology Uniformitarianism
1915	Geochemistry	1915	Geochemistry	13.04000800	Geochemistry
1916	Geophysics and seismology	1916	Geophysics, general	13.04000600 0700 0900	Earth Changes Forces and Motion Geophysics
1917	Earth sciences, general	1917	Earth sciences, general	13.04000000 .04001100 1200 1600 1700 1900 9900 990000 15.07030000 0100	Earth - Space Sciences (Including General Earth - Space Science) Instrumentation and Analytical Methods Levels of Organization Physical Geography Soil Science Technological Applications Other Major Aspects of the Earth - Space Sciences Other Earth - Space Science Physical Geography Atmosphere: Weather, Climate

(continued)

A TAXONOMY OF INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION (HEGIS)

A TAXONOMY OF POSTSECONDARY EDUCATION SUBJECT MATTER AREAS

STANDARD TERMINOLOGY FOR CURRICULUM AND INSTRUCTION IN LOCAL AND STATE SCHOOL SYSTEMS (HANDBOOK VI)

1918	Paleontology	1918	Paleontology	13.04000300 13.04001500	Biological Interrelationships Paleontology
1919 5406	Oceanography Marine and oceanographic technologies	1919	Oceanography	13.03002000 .04040000 16.06040000	Oceanography Oceanography Oceanographic Technology (Physical, Biological, and Fisheries) Oceanography
1920	Metallurgy	1920	Metallurgy	22.02020102 13.03001500	Materials Science
---	---	1921	Mineralogy	-----	
---	---	1922	Hydrology	13.04001000	Hydrology
1916	Geophysics and Seismology	1923	Seismology	-----	
---	---	1924	Volcanology	-----	
1999	Other, specify	1999	Other, .specify	13.01000000 .03990000	General Science Other Physical Sciences
				990000 15.07030000 0100 0200 0300 0400 0500 9900	Other Earth - Space Science Physical Geography Atmosphere. Weather, Climate Biosphere: Wild Plants, Wild Animals Exosphere, e.g., Remote Sensing Hydrosphere: Oceans, Other Surface Water Bodies, Subsurface Water, Land Ice Lithosphere: Land Forms, Minerals, Soils Other Aspects of Physical Geography

A TAXONOMY OF INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION (HEGIS)

A TAXONOMY OF POSTSECONDARY EDUCATION SUBJECT MATTER AREAS

STANDARD TERMINOLOGY FOR CURRICULUM AND INSTRUCTION IN LOCAL AND STATE SCHOOL SYSTEMS (HANDBOOK VI)

Year	Instructional Program (HEGIS)	Year	Subject Matter Area	Year	Standard Terminology
2000	PSYCHOLOGY	2000	PSYCHOLOGY	15.1200000	PSYCHOLOGY
2001	Psychology, general	2001	Psychology, general	15.1203000	General Psychology
2002	Experimental psychology (animal and human)	2002	Experimental psychology (animal and human)	-----	-----
2003	Clinical psychology	2003	Clinical psychology	-----	-----
2004	Psychology for counseling	2004	Psychology for counseling	-----	-----
2005	Social psychology	2005	Social psychology	15.1204000 050000	Psychology of Adjustment Social Psychology
2006	Psychometrics	2006	Psychometrics	-----	-----
2008	Industrial psychology	2008	Industrial psychology	-----	-----
2009	Developmental psychology	2009	Developmental psychology	15.1201000	Developmental Psychology
2010	Physiological psychology	2010	Physiological psychology	-----	-----
----	----	2011	Abnormal psychology	-----	-----
----	----	2012	Special mental conditions	-----	-----
----	----	2013	Creativity	-----	-----
----	----	2014	Astrology	-----	-----
2099	Other, specify	2099	Other, specify	15.1299000	Other Psychology

A TAXONOMY OF INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION (HEGIS)		A TAXONOMY OF POSTSECONDARY EDUCATION SUBJECT MATTER AREAS		STANDARD TERMINOLOGY FOR CURRICULUM AND INSTRUCTION IN LOCAL AND STATE SCHOOL SYSTEMS (HANDBOOK VI)	
2100	PUBLIC AFFAIRS AND SERVICES	2100	PUBLIC AFFAIRS AND SERVICES	-----	
2101 5501	Community services, general Public service technologies, general	2101	Community services, general	17.28000000	Public Service Occupations
2102 5508	Public administration Public administration and management technologies	2102	Public administration	-----	
2103 5506	Parks and recreation management Recreation and social work related technologies	2103	Parks and recreation management	-----	
2104	Social work and helping services (other than clinical social work)	2104	Social work and helping services (other than clinical social work)	-----	
2105	Law enforcement and corrections (baccalaureate and higher programs)	2105	Law enforcement and corrections	16.06050000	Police (Law Enforcement and Corrections) Science Technology
5505	Police, law enforcement, corrections technology			17.28020000	Law Enforcement Training
2106	International public service (other than diplomatic service)	2106	International public service (other than diplomatic service)	-----	
5507	Fire control technology	2107	Fire protection	16.06020000	Fire and Fire Safety Technology
-----		2108	Citizenship	17.28010000	Fireman Training
-----		2109	Civil service preparation	15.03000000	Citizenship Education
2199 5599	Other, specify Other, specify	2199	Other, specify	-----	
				17.28990000	Other Public Service Occupations

STANDARD TERMINOLOGY FOR CURRICULUM  
AND INSTRUCTION IN LOCAL AND STATE SCHOOL SYSTEMS  
(HANDBOOK VI)

15.00000000 SOCIAL SCIENCES/SOCIAL STUDIES

13.02000200 Anthropology  
15.01000000 Anthropology  
020000 Cultural (Social) Anthropology  
0100 Acculturation  
0200 American Indians  
0300 Community Development  
0400 Culture  
0500 Cultural Change  
0600 Cultural Evolution  
0700 Cultural Psychology  
0800 Cultural Transmission  
0900 Cultural Values  
1000 Folk Societies  
1100 Kinship Systems  
1200 Peasant Societies  
1300 Personality and Culture  
1400 Prehistoric People  
1500 Primitive Peoples, e.g., Bushmen,  
Eskimos

1600 Race  
1700 Social, Political, Economic,  
Organization  
9900 Other Topics in Cultural (Social)  
Anthropology

030000 Ethnography  
040000 Ethnology  
050000 Ethnoscience  
060000 Physical Anthropology  
0100 Evolution  
0200 Prehistoric People  
0300 Primitive Behavior  
0400 Primitive Peoples, e.g., Bushmen,  
Eskimos

0500 Race  
9900 Other Topics in Physical  
Anthropology  
990000 Other Anthropology

A TAXONOMY OF POSTSECONDARY  
EDUCATION SUBJECT MATTER AREAS

SOCIAL SCIENCES  
Social sciences, general  
Anthropology

2200  
2201  
2202

A TAXONOMY OF INSTRUCTIONAL  
PROGRAMS IN HIGHER EDUCATION  
(HEGIS)

SOCIAL SCIENCES  
Social sciences, general  
Anthropology

2200  
2201  
2202



A TAXONOMY OF INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION (HEGIS)

A TAXONOMY OF POSTSECONDARY EDUCATION SUBJECT MATTER AREAS

STANDARD TERMINOLOGY FOR CURRICULUM AND INSTRUCTION IN LOCAL AND STATE SCHOOL SYSTEMS (HANDBOOK VI)

2203	Archaeology	2203	Archaeology	15.01010000	Archaeology
2204	Economics	2204	Economics	03.18000000	Economics
				010000	Consumer Economics
				020000	Labor Economics
				040000	Principles of Economics
				990000	Other Economics
				15.06000000	Economics
				010000	Business and Industry Economics
				020000	Comparative Economics
				030000	Consumer Economics
				040000	History of Economic Thought
				060000	National Income (and Components Thereof)
				070000	Principles of Economics
				080000	Resource Economics
				990000	Other Economics
2205	History	2205	History	15.08000000	History
				010000	American History (including Canada, Latin America, and the United States)
				020000	Local History
				030000	Modern History
				040000	State History
				050000	United States History
				060000	Western Civilization
				070000	Nonwestern Civilization
				080000	World Civilization
				090000	World History
				990000	Other History
2206	Geography	2206	Geography	03.19000000	Economic Geography
				15.07000000	Geography
				010000	Historical Geography
				020000	Human Geography
				0100	Cartographic Interpretation
				0200	Circulation Patterns
				0300	Economic Patterns
				0400	Political Patterns
				0500	Population
				0600	Settlement Patterns
				9900	Other Human Geography
				040000	Regional Geography

(continued)

A TAXONOMY OF INSTRUCTIONAL  
PROGRAMS IN HIGHER EDUCATION  
(HEGIS)

A TAXONOMY OF POSTSECONDARY  
EDUCATION SUBJECT MATTER AREAS

STANDARD TERMINOLOGY FOR CURRICULUM  
AND INSTRUCTION IN LOCAL AND STATE SCHOOL SYSTEMS  
(HANDBOOK VI)

2207	Political science and government	2207	Political science and government	15.11000000	Political Science American Government The Constitution Other American Government Comparative Systems Contemporary World Affairs International Relations Political Parties and Public Opinion Political Socialization Political Theory Other Political Science
2208	Sociology	2208	Sociology	15.13000000	Sociology The Community Rural Society Urban Society Other Community Public Opinion and Political Sociology Socialization Social Organization Education Family Religion Other Social Organization Social Problems Social Stratification Social Theory Other Sociology
				01000	Agricultural Regions
				0200	Climatic Regions
				0300	Continental Regions
				0400	Culture Regions
				0500	Landform Regions
				0600	Manufacturing Regions
				0700	Political Regions
				0800	Population (Human) Regions
				0900	Vegetation Regions
				9900	Other Regional Geography
				990000	Other Geography
				0100	American Government
				0200	The Constitution
				020000	Other American Government
				030000	Comparative Systems
				040000	Contemporary World Affairs
				050000	International Relations
				060000	Political Parties and Public Opinion
				070000	Political Socialization
				990000	Political Theory Other Political Science
				010000	Sociology
				0200	The Community
				9900	Rural Society
				020000	Urban Society
				030000	Other Community
				040000	Public Opinion and Political Sociology
				050000	Socialization
				060000	Social Organization
				070000	Education
				9900	Family
				0300	Religion
				9900	Other Social Organization
				050000	Social Problems
				060000	Social Stratification
				070000	Social Theory
				990000	Other Sociology

A TAXONOMY OF INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION (HEGIS)		A TAXONOMY OF POSTSECONDARY EDUCATION SUBJECT MATTER AREAS		STANDARD TERMINOLOGY FOR CURRICULUM AND INSTRUCTION IN LOCAL AND STATE SCHOOL SYSTEMS (HANDBOOK VI)	
2209	Criminology	2209	Criminology	-----	
2210	International relations	2210	International relations	-----	
2211	Afro-American (black culture) studies	2211	Afro-American (black culture) studies	-----	
2212	American Indian cultural studies	2212	American Indian cultural studies	-----	
2213	Mexican-American cultural studies	2213	Mexican-American cultural studies	-----	
2214	Urban studies	2214	Urban studies	-----	
2215	Demography	2215	Demography	-----	
-----		2216	Asian-American cultural studies	-----	
-----		2217	Women's studies	-----	
2299	Other, specify	2299	Other, specify	15.99000000	Other Social Science/Social Studies

STANDARD TERMINOLOGY FOR CURRICULUM  
AND INSTRUCTION IN LOCAL AND STATE SCHOOL SYSTEMS  
(HANDBOOK VI)

A TAXONOMY OF POSTSECONDARY  
EDUCATION SUBJECT MATTER AREAS

A TAXONOMY OF INSTRUCTIONAL  
PROGRAMS IN HIGHER EDUCATION  
(HEGIS)

2300	THEOLOGY	2300	THEOLOGY	-----
2301 5502	Theological professions, general Bible study or religion-related occupations	2301	Theological professions, general	-----
2302 5502	Religious music Bible study or religion-related occupations	2302	Religious music	-----
2303 5502	Biblical languages Bible study or religion-related occupations	2303	Biblical languages	-----
2304 5502	Religious education Bible study or religion-related occupations	2304	Religious education	-----
5502	Bible study or religion-related occupations	2305	Ecclesiastical and canonical law	-----
5502	Bible study or religion-related occupations	2306	Non-Christian religions and cults	-----
2399 5502	Other, specify Bible study or religion-related occupations	2399	Other, specify	-----



STANDARD TERMINOLOGY FOR CURRICULUM  
AND INSTRUCTION IN LOCAL AND STATE SCHOOL SYSTEMS  
(HANDBOOK VI)

A TAXONOMY OF POSTSECONDARY  
EDUCATION SUBJECT MATTER AREAS

A TAXONOMY OF INSTRUCTIONAL  
PROGRAMS IN HIGHER EDUCATION  
(HEGIS)

	PHILOSOPHY	PHILOSOPHY	PHILOSOPHY
1509	Philosophy	2500	15.10000000 .10030000 Introduction to Philosophy
1509	Philosophy	2501	15.10050000 Metaphysics
1509	Philosophy	2502	15.10040000 Logic
1509	Philosophy	2503	15.10010000 Ethics
1509	Philosophy	2504	----- Aesthetics
1509	Philosophy	2505	15.10020000 History of Philosophy
1510	Religious studies (exclude theological professions)	2506	15.10060000 Philosophy of Religion
1509	Philosophy	2599	15.10060000 15.10990000 Philosophy of Religion Other Philosophy



A TAXONOMY OF INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION (HEGIS)

A TAXONOMY OF POSTSECONDARY EDUCATION SUBJECT MATTER AREAS

STANDARD TERMINOLOGY FOR CURRICULUM AND INSTRUCTION IN LOCAL AND STATE SCHOOL SYSTEMS (HANDBOOK VI)

---	2600	PHYSICAL EDUCATION AND RECREATION	-----	
---	2601	Adapted physical education	08.03010000	Adapted physical education
---	2602	Aquatics	08.03020000	Aquatics
			0100	Diving
			0200	Lifesaving
			0300	Skin and Scuba Diving
			0400	Small Crafts
			0500	Surfing
			0600	Swimming
			0700	Synchronized Swimming
			0800	Water Games
			0900	Waterskiing
			9900	Other Aquatics
---	2603	Body dynamics	08.03000000	Body Dynamics
			0100	Conditioning Exercises
			0200	Fundamental Movements
			0300	Individual Self-testing Events
			0400	Posture Education
			9900	Other Body Dynamics
---	2604	Group games, contests, and relays	08.03050000	Group Games, Contests, and Relays
---	2605	Individual and dual sports	08.03060000	Individual and Dual Sports
			0100	Archery
			0200	Badminton
			0300	Bowling
			0400	Fencing
			0500	Golf
			0600	Handball
			0700	Tennis
			0800	Track and Field
			0900	Wrestling
			9900	Other Individual and Dual Sports
---	2606	Stunts, tumbling, and gymnastics	08.03080000	Stunts, Tumbling, and Gymnastics
			0100	Balance Beam
			0200	Building Pyramids
			0300	Parallel Bars
			0400	Horizontal Bars

(continued)

A TAXONOMY OF INSTRUCTIONAL  
PROGRAMS IN HIGHER EDUCATION  
(HEGIS)

A TAXONOMY OF POSTSECONDARY  
EDUCATION SUBJECT MATTER AREAS

STANDARD TERMINOLOGY FOR CURRICULUM  
AND INSTRUCTION IN LOCAL AND STATE SCHOOL SYSTEMS  
(HANDBOOK VI)

0500 Rings  
0600 Ropes  
0700 Side Horse  
0800 Trampoline  
9900 Other Stunts, Tumbling, and  
Gymnastics

2607 Team sports  
08.03090000 Team Sports  
0100 Baseball  
0200 Basketball  
0300 Cross Country  
0400 Curling  
0500 Field Hockey  
0600 Football  
0700 Ice Hockey  
0800 Lacrosse  
0900 Soccer  
1000 Softball  
1100 Speed-a-way  
1200 Speedball  
1300 Volleyball  
1400 Water Polo  
9900 Other Team Sports

2608 Outdoor recreation  
08.03070000 Outdoor Recreational Activities  
0100 Camping  
0200 Cycling  
0300 Fishing  
0400 Hunting  
01 Bow Hunting  
02 Rifle Hunting  
03 Shotgun Hunting  
99 Other Hunting  
0500 Ice Skating  
0600 Orienteering  
0700 Riding  
0800 Skin and Scuba Diving  
0900 Small Crafts  
01 Boating  
02 Canoeing  
03 Rowing  
04 Sailing  
99 Other Small Crafts  
1000 Snowskiing

(continued)

A TAXONOMY OF INSTRUCTIONAL  
PROGRAMS IN HIGHER EDUCATION  
(HEGIS)

A TAXONOMY OF POSTSECONDARY  
EDUCATION SUBJECT MATTER AREAS

STANDARD TERMINOLOGY FOR CURRICULUM  
AND INSTRUCTION IN LOCAL AND STATE SCHOOL SYSTEMS  
(HANDBOOK VI)

01	Cross-Country Skiing
02	Downhill Skiing
03	Jump Skiing
1100	Surfing
1200	Waterskiing
9900	Other Outdoor Recreational Activities

22.02030400 Judo

Self-defense

2609

Games of thought and chance

2610

Other, specify

2699

08.03990000 Other Physical Education  
08.04990000 Other Recreation

A TAXONOMY OF INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION (HEGIS)

A TAXONOMY OF POSTSECONDARY EDUCATION SUBJECT MATTER AREAS

STANDARD TERMINOLOGY FOR CURRICULUM AND INSTRUCTION IN LOCAL AND STATE SCHOOL SYSTEMS (HANDBOOK VI)

---	2700	SERVICE	-----	
---	2701	Food and beverage preparation and service	07.09080000 09.02030000	Food Service Supervisor Food Management, Production, and Services
			17.29000000 010000 020000 030000 040000 990000	Quantity Food Occupations Baker Cook/Chef Meat Cutter Waiter/Waitress Other Quantity Food Occupations
---	2702	Barbering, cosmetology, and related service	04.15000000 17.26000000 010000 020000 990000	Personal Services Personal Services Barbering Cosmetology Other Personal Services
---	2703	Other personal service	04.15000000 17.26990000	Personal Services Other Personal Services
---	2704	Animal service	-----	
---	2705	Apparel and furnishings service	09.02020000	Clothing Management, Production, and Services
			17.16000000 010000 020000 990000 .34020000	Fabric Maintenance Services Dry Cleaning Laundering Other Fabric-maintenance Services Shoe Repair
---	2706	Building and related service	17.11000000	Custodial Services
---	2707	Guarding and watching	-----	
---	2708	Telecommunication service	-----	
---	2709	Career development service	-----	
---	2799	Other, specify	-----	

A TAXONOMY OF INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION (HEGIS)

A TAXONOMY OF POSTSECONDARY EDUCATION SUBJECT MATTER AREAS

STANDARD TERMINOLOGY FOR CURRICULUM AND INSTRUCTION IN LOCAL AND STATE SCHOOL SYSTEMS (HANDBOOK VI)

---	2800	SPECIAL COMMUNICATION	19.01070000	Special Communication Methods
---	2801	Dactylology	19.01070400	Manual Communication
---	2802	Braille	19.01070100	Braille Reading and Writing
---	2803	Lip reading	19.01070700	Speech Reading (Lip Reading)
---	2804	Codes	-----	
---	2805	Cryptography	-----	
---	2806	Pantomime	-----	
---	2899	Other, specify	19.01079900	Other Special Communication Methods

A TAXONOMY OF INSTRUCTIONAL  
PROGRAMS IN HIGHER EDUCATION  
(HEGIS)

A TAXONOMY OF POSTSECONDARY  
EDUCATION SUBJECT MATTER AREAS

STANDARD TERMINOLOGY FOR CURRICULUM  
AND INSTRUCTION IN LOCAL AND STATE SCHOOL SYSTEMS  
(HANDBOOK VI)

2900	TRANSPORTATION EQUIPMENT OPERATION	-----	
2901	Driver education, general	21.01000000	Driver Education
		010000	Alcohol, Drugs, Other Harmful Substances, and Driving
		020000	Characteristics of Drivers
		030000	Development of Judgment
		040000	Driving Skills (Behind the Wheel Driving)
		050000	Simulation Driving Experience
		060000	Engineering
		070000	Laws and Ordinances of Enforcement
		080000	The Motor Vehicle
		090000	Traffic Accidents
		100000	Traffic Citizenship
		990000	Other Driver Education
2902	Truck driving	17.10030000	Heavy Equipment Operation
		0200	
2903	Railroad transportation, general	-----	
2904	Railroad conducting	-----	
2905	Water transportation, general	17.08020000	Ship and Boat Operation and Maintenance
		17.22000000	Maritime Occupations
2906	Water transportation, management and operation	17.08020000	Ship and Boat Operation and Maintenance
		17.22000000	Maritime Occupations
2907	Air transportation, general	17.04030000	Ground Operations
2908	Air transportation, piloting and navigating	16.06010000	Commercial Pilot Training
		17.04020000	Aircraft Operations
		17.04030000	Ground Operations
		22.03020300	Air Navigation
2999	Other, specify	-----	

A TAXONOMY OF INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION (HEGIS)

A TAXONOMY OF POSTSECONDARY EDUCATION SUBJECT MATTER AREAS

STANDARD TERMINOLOGY FOR CURRICULUM AND INSTRUCTION IN LOCAL AND STATE SCHOOL SYSTEMS (HANDBOOK VI)

4900	INTERDISCIPLINARY STUDIES	4900	INTERDISCIPLINARY STUDIES	-----	
4901	General liberal arts and sciences	4901	General liberal arts and sciences		
4902	Biological and physical sciences	4902	Biological and physical sciences	16.06040000	Oceanographic Technology
4903	Humanities and social sciences	4903	Humanities and social sciences	02.01030000 05.03690000 06.03000000 12.07000000 15.09000000	Humanities Humanities Humanities Humanities Humanities
4904	Engineering and other specialties	4904	Technology and other specialties	-----	
-----		4905	Futuristics	-----	
0705		4906	Systems analysis	14.02040000 .08040000	Systems Analysis Data-methods and Systems-procedures Analysts
-----		4907	High school equivalency preparation	16.01170000 .04020000	Scientific Data Processing Systems Analyst Technology
4999	Other, specify	4999	Other, specify	-----	

A TAXONOMY OF INSTRUCTIONAL  
PROGRAMS IN HIGHER EDUCATION  
(HEGIS)

STANDARD TERMINOLOGY FOR CURRICULUM  
AND INSTRUCTION IN LOCAL AND STATE SCHOOL SYSTEMS  
(HANDBOOK VI)

A TAXONOMY OF POSTSECONDARY  
EDUCATION IN SUBJECT MATTER AREAS

9100

OTHER, SPECIFY

-----

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APPENDIX C  
NOTES ON CHANGES MADE IN  
SECTION I OF THE HEGIS TAXONOMY

NOTES ON CHANGES MADE IN SECTION I  
OF THE HEGIS TAXONOMY

Although one of the objectives of the authors was to leave unchanged the names and codes of the categories in Section I of the HEGIS taxonomy, there were a number of cases in which problems were felt to exist in the Section I categories that could be corrected with minor modifications. These modifications are enumerated below with a brief reason for the changes for each subject matter division.

0100 Agriculture and Natural Resources

Food science and technology (0113) was deleted since it duplicated the content of Food Technology (0940). Agriculture and forest technologies (0116) was deleted since it was felt to represent only a different level of emphasis of subject matter found elsewhere in the taxonomy. In addition, eight new specialties (0118-0125) have been added to make this division more comprehensive.

0200 Architecture and Environmental Design

One new specialty (World planning [0207]) has been added to make this division more comprehensive.

0300 Area Studies

Four new specialties (Atlantic area studies [0315], Arctic area studies [0316], Antarctic area studies [0317], and Area studies, general [0318]) have been added to make this division more comprehensive. The specialties in this division now correspond fairly closely to the categories in the Dewey Decimal and Universal Decimal Classification systems.

#### 0400 Biological Sciences

Seven new specialties (0428-0434) have been added to make this division more comprehensive.

#### 0500 Business, Commerce, and Management

One new specialty (Credit and collections [0518]) has been added to make this division more comprehensive.

#### 0600 Communications

No additions or deletions have been made in this division.

#### 0700 Computer and Information Sciences

Information sciences and systems (0702) was deleted because it was felt to be too vague and general. Systems Analysis (0705) was moved to the Interdisciplinary Studies division. Three new specialties (Artificial intelligence [0706], Information storage and retrieval [0707], and Processing equipment operation [0708]) have been added to make this division more comprehensive. The specialties in this division now are relatively consistent with the categories used by the Association for Computing Machinery.

#### 0800 Education

Six new specialties (0840-0845) have been added to make this division more comprehensive.

#### 0900 Technology

The name of this division was changed from Engineering to Technology to broaden the connotation from strictly higher education to postsecondary education. The word "Technology" replaces "Engineering" in most

specialties in the taxonomy for similar reasons. The names of Engineering physics (0919) and Engineering mechanics (0921) were changed to Applied physics and Applied mechanics, respectively.

Architectural engineering (0904) was deleted because of overlaps with 0200 and 0908. Engineering technologies (0925) was deleted because it can be included in appropriate detailed categories in the proposed taxonomy.

Several of the specialties in this division (especially Electrical, electronics, and communication technology, general [0909] and Naval and marine technology, general [0923]) may need to be broken up into subspecialties.

Fifty-four new specialties (0926-0979), reflecting aspects of technology related to design, construction, manufacture, and repair, have been added to make this division more comprehensive.

#### 1000 Fine and Applied Arts

Four specialties (1002, 1004, 1005, and 1009) were deleted and replaced with more detailed categories reflecting the subspecialties that they encompass. Sixteen new specialties (1012-1027) have been added to make this division more comprehensive.

#### 1100 Foreign Languages

Four specialties (Portuguese [1117], Greek, modern [1118], Indian (American) languages [1119], and Artificial languages [1120]) have been added to make this division more comprehensive.

### 1200 Health Services

The name of this division was changed from Health Professions to Health Services to facilitate the inclusion of subject matter specialties that do not typically correspond to particular health professions.

Four specialties were deleted from this division. Dental specialties (1205), Medical specialties (1207), and Veterinary medicine specialties (1219) have been replaced with their respective lists of actual specialties. Biomedical communication (1217) was deleted because it was not clear what it represented.

Seven other specialties (1201, 1203, 1204, 1206, 1218, 1224, and 1225) have been given new names, and fifty-seven new specialties (1226-1282) have been added to make this division more comprehensive.

Different health professional programs may draw on the same subject matter. For example, the medical specialties included in the taxonomy could also be used as nursing specialties.

### 1300 Home Economics

Institutional management and cafeteria management (1307) has been deleted since the subject matter is covered by Hotel and restaurant management (0508). Two additional specialties (Child care and guidance [1308] and Geriatric care [1309]) have been added to make this division more comprehensive.

### 1400 Law

Seven new specialties (1402-1408) have been added to make this division more comprehensive.

### 1500 Letters

The specialty, Philosophy (1509) has been deleted from this division and established as a separate division (2500) because it does not logically fit in any other division. Religious studies (excluding theological professions) (1510) was moved to the new Philosophy division. One new specialty (Composition (excluding creative writing) [1511]) has been added to make this division more comprehensive.

### 1600 Library, Archival, and Museum Sciences

The title of this division has been changed from Library Science to Library, Archival, and Museum Sciences to create a home for archival and museum sciences. These two subject matter areas fit here because of the nature of the cataloging and storage functions involved. Two specialties (Archival sciences, general [1602] and Museum and related administration [1603]) have been added to make this division more comprehensive.

### 1700 Mathematics

Six new specialties (1704-1709) have been added to make this division more comprehensive.

### 1800 Military Sciences

One new specialty (Coastal Science (Coast Guard)[1804]) was added to make this division more comprehensive.

### 1900 Physical Sciences

The specialty Geophysics and seismology (1916) has been changed to Geophysics, general (1916); and Seismology has been established as a

separate subject matter area (1923). Three other specialties (Mineralogy [1921], Hydrology [1922], and Volcanology [1924]) have been added to make this division more comprehensive.

#### 2000 Psychology

One specialty (Statistics in psychology [2007]) has been deleted since the subject matter can be covered by Statistics, mathematical and theoretical (1702). Four new specialties (Abnormal psychology [2011], Special mental conditions [2012], Creativity [2013], and Astrology [2014]) have been added to make this division more comprehensive.

#### 2100 Public Affairs and Services

Three specialties (Fire protection [2107], Citizenship [2108], and Civil service preparation [2109]) have been added to make this division more comprehensive.

#### 2200 Social Sciences

Two specialties (Asian-American cultural studies [2216] and Women's studies [2217]) have been added to make this division more comprehensive.

#### 2300 Theology

Two specialties (Ecclesiastical and canonical law [2304] and Non-christian religions and cults [2305]) have been added to make this division more comprehensive.

### New Subject Matter Divisions

In addition to these changes in the existing taxonomy divisions, five new divisions have been added to the taxonomy: Philosophy (2500), Physical Education and Recreation (2600), Service (2700), Special Communication (2800), and Transportation Equipment Operation (2900). Appropriate specialties have been established for each of these new divisions.

REFERENCES

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- American Association of [Community and] Junior Colleges, Comp. Allied Health Education Programs in Junior Colleges/1970. Washington, D.C.: U.S. Department of Health, Education, and Welfare, 1972.
- American Dental Association with the Council on Dental Education and American Association of Dental Schools. Dentistry - A Changing Profession. Chicago, Ill.: 1973.
- The American Heritage Dictionary of the English Language. Edited by William Morris. Boston, Mass.: American Heritage Publishing Co., Inc. and Houghton Mifflin Company, 1971.
- American Medical Association. Directory of Approved Internships and Residencies 1973/74. Chicago, Ill.: 1973.
- American Medical Association. Council on Medical Education. Allied Medical Education Directory 1973. Chicago, Ill.: 1973.
- American Veterinary Medical Association. Department of Membership Services. American Veterinary Medical Association Directory 1974. Chicago, Ill.: 1974.
- Blakiston's Gould Medical Dictionary. Second Edition. New York: The Blakiston Division, McGraw-Hill Book Company, Inc., 1956.
- British Standards Institution. Universal Decimal Classification. Abridged English Edition. British Standard 1000A: 1957. Second Edition, Revised 1957. London, England: 1957.
- CCM Information Corporation. The College Blue Book Degrees Offered by Colleges and Subjects. Fourteenth Edition. New York: 1972.
- CCM Information Corporation. Occupational Education. Edited by Max M. Russell. New York: 1972.
- California Community Colleges. Classification of Instructional Disciplines. Sacramento, Calif.: January 1973.
- Crowell-Collier Educational Corporation. The Encyclopedia of Education. New York: 1971.
- Dewey, Melvil, Deviser. Dewey Decimal Classification and Relative Index. Seventeenth Edition. Volume Two (Revised). Albany, N.Y.: Forest Press, Inc. of Lake Placid Club Education Foundation, 1967.
- Gale Research Company. Research Centers Directory. Fourth Edition. Detroit, Michigan.: 1972.
- Good, Carter V., Editor. Dictionary of Education. Second Edition. New York: McGraw-Hill Book Company, Inc., 1959.

- Gulko, Warren W. Program Classification Structure. First Edition. Technical Report No. 27. Boulder, Colo.: Western Interstate Commission for Higher Education, January 1972.
- International Labour Office. International Standard Classification of Occupations. Revised Edition 1968. Geneva, Switzerland: 1969.
- Library of Congress Processing Department. Subject Cataloging Division. Outline of the Library of Congress Classification. Revised and Enlarged Edition of "Outline Scheme of Classes." Washington, D.C.: 1942.
- National Association of Trade and Technical Schools. NATTS 1973-74 Directory of Accredited Private Trade and Technical Schools. Washington, D.C.: 1973.
- National Institute of Mental Health. Mental Health Directory 1973. Rockville, Md.: 1973.
- New York City Regional Center for Life-Long Learning. Directory of Continuing Education Opportunities in New York City 1974. New York: 1974.
- Random House, Inc. The Random House College Dictionary. Based on The Random House Dictionary of the English Language. New York: 1972.
- Smithsonian Science Information Exchange, Inc. Smithsonian Science Information Exchange Description of Services. Washington, D.C.
- United Nations Educational, Scientific and Cultural Organization (UNESCO). International Standard Classification of Education (ISCED). Paris France: 1972.
- U.S. Bureau of the Census. 1970 Census of Population. Classified Index of Industries and Occupations. Washington, D.C.: Government Printing Office, 1971.
- U.S. Department of Labor with the National Health Council. Health Careers Guidebook. Third Edition, 1972. Washington, D.C.: U.S. Department of Health, Education, and Welfare, National Institutes of Health, 1973.
- U.S. Manpower Administration. Dictionary of Occupational Titles. Third Edition. Washington, D.C.: Government Printing Office, 1965.
- U.S. National Center for Educational Statistics. Community Information in Education. State Educational Records and Reports Series: Draft of Handbook VIII. By the Center for Urban Affairs and Community Services. Oxford, Ohio: Miami University, 1971.
- Standard Terminology for Curriculum and Instruction in Local and State School Systems. State Educational Records and Reports Series: Handbook VI. Compiled and edited by John F. Putnam and W. Dale Chismore. Washington, D.C.: Government Printing Office, 1970.

- U.S. National Center for Educational Statistics. A Taxonomy of Instructional Programs in Higher Education. By Robert A. Huff and Marjorie O. Chandler. Washington, D.C.: Government Printing Office, 1970.
- U.S. Office of Management and Budget. Standard Industrial Classification Manual. Washington, D.C.: Government Printing Office.
- Webster's New International Dictionary of the English Language. Second Edition. Unabridged. Springfield, Mass.: G. & C. Merriam Company, Publishers, 1958.
- Webster's Seventh New Collegiate Dictionary. Based on Webster's Third New International Dictionary. Springfield, Mass.: G. & C. Merriam Company, Publishers, 1969.
- Williams and Wilkins Company. Stedman's Medical Dictionary. Twenty-second Edition. Baltimore, Md.: 1972.
- Wing, Paul. A General Discussion of Classification Systems for Postsecondary Education Subject Matter. Draft. Boulder, Colo.: Western Interstate Commission for Higher Education, 1975.
- Wing, Paul and Romney, Leonard. An Examination of Possible Statewide Applications and Extensions of the NCHEMS Program Classification Structure. Technical Report 50. Boulder, Colo.: Western Interstate Commission for Higher Education, 1974.

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