



## HIGHER EDUCATION

# A Taxonomy of Instructional Programs in Higher Education



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# A TAXONOMY OF INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION

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# INTRODUCTION

## BACKGROUND

MANY MEMBERS of the higher education community have recommended modification and updating of the list of discipline specialties in the Higher Education General Information Survey (HEGIS) questionnaires. Moreover, they have urged that the list be made sufficiently flexible and comprehensive for adaptation to overall institutional recordkeeping, apart from HEGIS reporting. This revision—incorporating the suggestions—has the following specific objectives:

1. To produce a list of instructional programs that would be equally applicable to HEGIS data on students, faculty assignments, finance, and space.
2. To reflect as accurately as possible the instructional programs and curriculums now in existence or likely to appear in the future.
3. To build enough comprehensiveness and flexibility into the list so that it may remain relatively stable.
4. To construct a list which is acceptable and practical for general institutional recordkeeping, for management information systems, and for program budget structure employed by higher education institutions.
5. To provide a system for translating records based on old coding procedures (e.g., the Higher Education Facilities Classification) into the new specialty list.

The standard list of instructional programs presented in this publication was developed cooperatively by the National Center for Educational Statistics and the National Center for Educational Research and Development (both of the Office of Education), and the Western Interstate Commission on Higher Education.

A crucial feature in the development of the standard list was a comprehensive review process involving all sectors of the higher education community—Federal agencies concerned with statistical data on higher education, institutions of higher education, and higher education associations and organizations. The review process began in the spring of 1969 when a preliminary draft of the list was circulated to a number of persons in the higher education community; in addition, field

visits were made to a sample of institutions for discussion of the list. Comments generated by the first review cycle provided a basis for a revision that was developed by a committee made up of representatives of the American Association of Collegiate Registrars and Admissions Officers, the American Council on Education, and the Council of Graduate Schools in the United States, together with representatives of the Office of Education and the Western Interstate Commission. The resulting draft was then sent to Federal agencies, to education associations and organizations, and to *all* institutions of higher education. The final version presented here reflects not only comments volunteered by the numerous reviewers but also the outcome of a series of meetings with representatives of other Federal agencies.

After the standard list itself had been developed, the final step was to construct the index and the translation tables. The translation tables show the relationship of the new system to the systems used in the HEGIS Earned Degree survey, the Higher Education Facilities Classification, the Vocational Education and Occupations classification systems, and the U.S. Bureau of the Budget Standard Classification of Fields of Science and Engineering.

## A VIEW OF THE INSTITUTIONAL REPORTING TASK

No centrally prepared list can precisely match the pattern of discipline titles and content within all institutions. Despite institutional variations, the new list is designed to contain a definite place for *every* specialization needed for classifying students, faculty assignments, finance, and facilities. To the extent that the list attains this objective, institutions may also find it useful for their own records systems even though it is not a “perfect fit.”

Each institution, then, will interpret its own programs in terms of the new HEGIS list and translate its own titles into HEGIS terminology. For example, what one college calls “biostatistics” may be judged comparable to “biometrics” on the HEGIS list. Some institutions may find it convenient to record their own discipline codes next to the HEGIS codes in the index.

Once the proper reporting category has been decided for each degree program that an institution offers, the preparation of HEGIS reports should be quite simple. For example, each student's major field, each faculty member's teaching assignments, and each space allocation could be coded according to the discipline specialization list and the codes stored in the institution's regular data file. Then, by a fairly routine clerical operation (or a simple computer program), HEGIS and other reports could be compiled from institutional files. If an institution has kept its records in accordance with the old HEGIS codes (or with one of the other systems covered by the translation tables), conversion to the new system should be quite straightforward.

It should be recognized that a particular faculty member, student, or facility may require several codes for complete identification. For example, a faculty member may have a series of degrees, each in a different field; he may be assigned by the institution to work in some other field; and he may consider that his primary research competence is in still another field.

In attempting to use the new HEGIS list, the user is urged to "browse" through the entire list to see how the discipline specialties have been ordered. Such browsing will serve at least two purposes: first, to identify substantial portions of the list that may be ignored by a particular college and, second, to avoid classifying a program into a semiappropriate category near the start of the list when there is a more appropriate category further along.

## THE DISCIPLINE CLASSIFICATION

The new HEGIS classification is divided into two main sections. Section I deals with conventional academic subdivisions of knowledge and training; section II, with technologies and occupation specialties related to curriculums leading to associate degrees and other awards below the baccalaureate.

Within the two sections, each discipline *division* is shown in bold type at the beginning of each specialty list, along with a brief definition. Under the discipline division are listed the discipline *specialties*. It should be noted that the discipline specialty list is not intended to be a list of individual courses.

Inevitably, the decision that certain specialties belong under one division rather than another is somewhat arbitrary; some users will disagree with certain

classifications. For example, one institution may classify botany under agriculture and another may classify it under biological sciences; economics may be classified under business and commerce or under social studies. The important point is that data can be reported in the appropriate, specific category. The user who wishes to aggregate in a manner other than that implied by the HEGIS discipline division may then do so.

The first title under most of the discipline divisions is listed as a *general* category. This is intended to provide some flexibility in the reporting scheme and should be useful for broad programs that encompass several of the listed specialties.

When attempting to classify an individual or a facility which does not seem to fit into the list, the institution has two choices: (1) it can be listed by name under "other" if it seems to represent an unlisted specialty, or (2) it can be placed in the "general" category if it seems to cover several listed specialties. Such fine points must be decided at the institutional level, but it is hoped that the index is comprehensive enough to minimize the need for such decisions.

## THE INDEX

To satisfy the many purposes for which the taxonomy is intended, it must be very lengthy and diverse. To make it easier to use, it is followed by two alphabetical indexes of program titles—including a number of related titles not appearing in the discipline classification—showing the discipline category in which the item should be placed. The first index applies to the conventional academic subdivisions of knowledge; the second, to technologies and other occupational specialties related to curriculums leading to associate degrees and other awards below the baccalaureate.

## THE TRANSLATION TABLES

The tables on pages 21–32 of this publication provide a means for translating into the new coding system from:

1. The list of academic specialties used in the HEGIS survey of degrees awarded in 1968–69. Essentially the same list was used in the HEGIS survey of Students Enrolled for Advanced Degrees.
2. The Standard Classification of Organizational Units and Subject Fields, from the Higher Edu-





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# **A TAXONOMY OF INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION**

**Section I:  
CONVENTIONAL ACADEMIC SUBDIVISIONS OF  
KNOWLEDGE AND TRAINING**

**Section II:  
TECHNOLOGICAL AND OCCUPATIONAL CURRICULUMS  
LEADING TO ASSOCIATE DEGREES  
AND OTHER AWARDS BELOW THE BACCALAUREATE**

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## Section I:

### CONVENTIONAL ACADEMIC SUBDIVISIONS OF KNOWLEDGE AND TRAINING

#### 0100 AGRICULTURE and NATURAL RESOURCES

*Subject field designations which characterize students, faculty, facilities, degree programs, research projects, etc. having to do with the production of food and management of natural fiber, plant, forest, and wildlife 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, nursery science)
- 0110 Agricultural and farm management
- 0111 Agricultural economics
- 0112 Agricultural business
- 0113 Food science and technology
- 0114 Forestry
- 0115 Natural resources management
- 0116 Agriculture and forestry technologies (baccalaureate and higher programs)
- 0117 Range management
- 0199 Other, specify

#### 0200 ARCHITECTURE and ENVIRONMENTAL DESIGN

*Subject field designations which characterize students, faculty, facilities, degree programs, research projects, etc. having to do with training for a profession in designing buildings, communities, parks, and other manmade aspects of the physiosocial environment.*

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

#### 0300 AREA STUDIES

*Subject field designations which characterize students, faculty, facilities, degree programs, research projects, etc. having to do with programs designed to study cultures indigenous to specific geographic regions.*

- 0301 Asian studies, general
- 0302 East Asian studies
- 0303 South Asian (India, etc.) 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
- 0399 Other, specify

#### 0400 BIOLOGICAL SCIENCES

*Subject field designations which characterize students, faculty, facilities, degree programs, research projects, etc. having to do with the science of life or living matter in all its forms and phenomena especially with regard to the origin, growth, reproduction, and structure of life forms.*

- 0401 Biology, general
- 0402 Botany, general
- 0403 Bacteriology
- 0404 Plant pathology
- 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
- 0499 Other, specify

#### 0500 BUSINESS and MANAGEMENT

*Subject field designations which characterize students, faculty, facilities, degree programs, research projects, etc. related to the organization, operation, administration, and control of private and public organizations.*

- 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 and restaurant management
- 0509 Marketing and purchasing
- 0510 Transportation and public utilities
- 0511 Real estate
- 0512 Insurance
- 0513 International business
- 0514 Secretarial studies (baccalaureate and higher programs)
- 0515 Personnel management
- 0516 Labor and industrial relations
- 0517 Business economics
- 0599 Other, specify

#### 0600 COMMUNICATIONS

*Subject field designations which characterize students, faculty, facilities, degree programs, research projects, etc. related to collection, preparation, and presentation of ideas and information intended for popular consumption through mass media.*

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



**0700 COMPUTER and INFORMATION SCIENCES**

*Subject field designations which characterize students, faculty, facilities, degree programs, course work, research projects, etc. having to do with the design, development, and application of computer capabilities to data storage and manipulation and related computational procedures.*

- 0701 Computer and information sciences, general
- 0702 Information sciences and systems
- 0703 Data processing
- 0704 Computer programming
- 0705 Systems analysis
- 0799 Other, specify

**0800 EDUCATION**

*Subject field designations which characterize students, faculty, facilities, degree programs, research projects, etc. related to administration and control of educational organizations and institutions and subjects related to instruction and services both within and outside of such formal organizations.*

- 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 (kindergarten)
- 0824 Educational statistics and research

- 0825 Educational testing, evaluation and measurement
- 0826 Student personnel (counseling and guidance)
- 0827 Educational administration
- 0828 Educational supervision
- 0829 Curriculum and instruction
- 0830 Reading education (methodology and theory)
- 0831 Art education (methodology and theory)
- 0832 Music education (methodology and theory)
- 0833 Mathematics education (methodology and theory)
- 0834 Science education (methodology and theory)
- 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
- 0899 Other, specify

**0900 ENGINEERING**

*Subject field designations which characterize students, faculty, facilities, degree programs, research projects, etc. having to do with the practical application of basic scientific knowledge to the design, production, and operation of systems intended to facilitate man's control and use of his natural environment.*

- 0901 Engineering, general
- 0902 Aerospace, aeronautical and astronautical engineering
- 0903 Agricultural engineering
- 0904 Architectural engineering
- 0905 Bioengineering and biomedical engineering
- 0906 Chemical engineering (include petroleum refining)
- 0907 Petroleum engineering (exclude petroleum refining)
- 0908 Civil, construction, and transportation engineering
- 0909 Electrical, electronics, and communications engineering
- 0910 Mechanical engineering
- 0911 Geological engineering
- 0912 Geophysical engineering
- 0913 Industrial and management engineering
- 0914 Metallurgical engineering
- 0915 Materials engineering
- 0916 Ceramic engineering
- 0917 Textile engineering
- 0918 Mining and mineral engineering
- 0919 Engineering physics
- 0920 Nuclear engineering

- 0921 Engineering mechanics
- 0922 Environmental and sanitary engineering
- 0923 Naval architecture and marine engineering
- 0924 Ocean engineering
- 0925 Engineering technologies (baccalaureate and higher programs)
- 0999 Other, specify

**1000 FINE and APPLIED ARTS**

*Subject field designations which characterize students, faculty, facilities, degree programs, research projects, etc. having to do with the creation and appreciation of the diverse modes of communicating ideas and emotions by means of stylized, visual, and non-visual representations and symbols.*

- 1001 Fine arts, general
- 1002 Art (painting, drawing, sculpture)
- 1003 Art history and appreciation
- 1004 Music (performing, composition, theory)
- 1005 Music (liberal arts program)
- 1006 Music history and appreciation (musicology)
- 1007 Dramatic arts
- 1008 Dance
- 1009 Applied design (ceramics, weaving, textile design, fashion design, jewelry, metalsmithing, interior decoration, commercial art)
- 1010 Cinematography
- 1011 Photography
- 1099 Other, specify

**1100 FOREIGN LANGUAGES**

*Subject field designations which characterize students, faculty, facilities, degree programs, research projects, etc. 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 (includes concentration on more than one foreign language without major emphasis on one language)
- 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)  
 1114 Scandinavian languages  
 1115 Slavic languages (other than Russian)  
 1116 African languages (non-Semitic)  
 1199 Other, specify

**1200 HEALTH PROFESSIONS**

*Subject field designations which characterize students, faculty, facilities, degree programs, research projects, etc. having to do with the maintenance and restoration of physical and mental health.*

- 1201 Health professions, general  
 1202 Hospital and health care administration  
 1203 Nursing (baccalaureate and higher programs)  
 1204 Dentistry, D.D.S. or D.M.D. degree  
 1205 Dental specialties (work beyond first-professional degree, D.D.S. or D.M.D.)  
 1206 Medicine, M.D. degree  
 1207 Medical specialties (work beyond first-professional degree, M.D.)  
 1208 Occupational therapy  
 1209 Optometry  
 1210 Osteopathic medicine, D.O. degree  
 1211 Pharmacy  
 1212 Physical therapy  
 1213 Dental hygiene (baccalaureate and higher programs)  
 1214 Public health  
 1215 Medical record librarianship  
 1216 Podiatry (Pod.D. or D. P.) or podiatric medicine (D.P.M.)  
 1217 Biomedical communication  
 1218 Veterinary medicine (D.V.M. degree)  
 1219 Veterinary medicine specialties (work beyond first-professional degree, D.V.M.)  
 1220 Speech pathology and audiology  
 1221 Chiropractic  
 1222 Clinical social work (medical and psychiatric and specialized rehabilitation services)  
 1223 Medical laboratory technologies (baccalaureate and higher programs)  
 1224 Dental technologies (baccalaureate and higher programs)

- 1225 Radiologic technologies (baccalaureate and higher programs)  
 1299 Other, specify

**1300 HOME ECONOMICS**

*Subject field designations which characterize students, faculty, facilities, degree programs, research projects, etc. 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  
 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)  
 1307 Institutional management and cafeteria management  
 1399 Other, specify

**1400 LAW**

*Subject field designations which characterize students, faculty, facilities, degree programs, research projects, etc. having to do with instruction in the legal customs, practices, and rules of society and states for the purpose of pursuing a career in jurisprudence.*

- 1401 Law, general  
 1499 Other, specify

**1500 LETTERS**

*Subject field designations which characterize students, faculty, facilities, degree programs, research projects, etc. having to do with English language and literature and value systems related to ancient and modern cultures.*

- 1501 English, general  
 1502 Literature, English  
 1503 Comparative literature  
 1504 Classics  
 1505 Linguistics (include phonetics, semantics, and philology)  
 1506 Speech, debate, and forensic science (rhetoric and public address)  
 1507 Creative writing  
 1508 Teaching of English as a foreign language

- 1509 Philosophy  
 1510 Religious studies (exclude theological professions)  
 1599 Other, specify

**1600 LIBRARY SCIENCE**

*Subject field designations which characterize students, faculty, facilities, degree programs, research projects, etc. having to do with instruction in the professional skills required to organize collections of books and related materials and the training necessary for providing services related to them.*

- 1601 Library science, general  
 1699 Other, specify

**1700 MATHEMATICS**

*Subject field designations which characterize students, faculty, facilities, degree programs, research projects, etc. having to do with the science of numbers and space configurations and their operations, measurement, relationships, and abstractions.*

- 1701 Mathematics, general  
 1702 Statistics, mathematical and theoretical  
 1703 Applied mathematics  
 1799 Other, specify

**1800 MILITARY SCIENCES**

*Subject field designations which characterize students, faculty, facilities, degree programs, research projects, etc. having to do with techniques and skills unique to the pursuit of a professional career as a military officer.*

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

**1900 PHYSICAL SCIENCES**

*Subject field designations which characterize students, faculty, facilities, degree programs, research projects, etc. having to do with the basic nature of matter, energy, and associated phenomena.*

- 1901 Physical sciences, general  
 1902 Physics, general (exclude biophysics)  
 1903 Molecular 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 and seismology  
 1917 Earth sciences, general  
 1918 Paleontology  
 1919 Oceanography  
 1920 Metallurgy  
 1999 Other, specify

**2000 PSYCHOLOGY**

*Subject field designations which characterize students, faculty, facilities, degree programs, research projects, etc. having to do with behavioral and mental processes.*

- 2001 Psychology, general  
 2002 Experimental psychology (animal and human)  
 2003 Clinical psychology  
 2004 Psychology for counseling  
 2005 Social psychology  
 2006 Psychometrics  
 2007 Statistics in psychology  
 2008 Industrial psychology  
 2009 Developmental psychology  
 2010 Physiological psychology  
 2099 Other, specify

**2100 PUBLIC AFFAIRS and SERVICES**

*Subject field designations which characterize students, faculty, facilities, degree programs, research projects, etc. related to developing and improving competencies in the management and operation of governmental agencies.*

- 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 (baccalaureate and higher programs)  
 2106 International public service (other than diplomatic service)  
 2199 Other, specify

**2200 SOCIAL SCIENCES**

*Subject field designations which characterize students, faculty, facilities, degree programs, research projects, etc. having to do with all aspects of the past and present activities, conduct, interactions, and organizations of humans.*

- 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  
 2299 Other, specify

**2300 THEOLOGY**

*Subject field designations which characterize students, faculty, facilities, degree programs, research projects, etc. related to preparation and training for a religious vocation.*

- 2301 Theological professions, general  
 2302 Religious music  
 2303 Biblical languages  
 2304 Religious education  
 2399 Other, specify

**4900 INTERDISCIPLINARY STUDIES**

*Subject field designations which characterize students, faculty, facilities, degree programs, research projects, etc. involving more than one major discipline without primary concentration in any one area.*

- 4901 General liberal arts and sciences  
 4902 Biological and physical sciences  
 4903 Humanities and social sciences  
 4904 Engineering and other disciplines  
 4999 Other, specify

**Section II:****TECHNOLOGICAL AND OCCUPATIONAL CURRICULUMS LEADING TO ASSOCIATE DEGREES AND OTHER AWARDS BELOW THE BACCALAUREATE****5000 BUSINESS and COMMERCE TECHNOLOGIES**

*Subject field designations which characterize students, faculty, facilities, degree and certificate programs, etc. specifically associated with development of skills required for commercial, business, or secretarial occupations at the semiprofessional level. Two years of preparation beyond high school are usually sufficient for entrance into these occupational fields.*

- 5001 Business and commerce technologies, general  
 5002 Accounting technologies

- 5003 Banking and finance technologies  
 5004 Marketing, distribution, purchasing, business, and industrial management technologies  
 5005 Secretarial technologies (include office machines training)  
 5006 Personal service technologies (stewardess, cosmetologist, etc.)  
 5007 Photography technologies  
 5008 Communications and broadcasting technologies (radio/television, newspapers)  
 5009 Printing and lithography technologies  
 5010 Hotel and restaurant management technologies

- 5011 Transportation and public utility technologies  
 5012 Applied arts, graphic arts, and fine arts technologies (include advertising design)  
 5099 Other, specify

**5100 DATA PROCESSING TECHNOLOGIES**

*Subject field designations which characterize students, faculty, facilities, degree and certificate programs, etc. specifically associated with development of skills required for data processing or related occupations at the*

*semiprofessional level. Two years of preparation beyond high school are usually sufficient for entrance into these occupational fields.*

- 5101 Data processing technologies, general
- 5102 Key punch operator and other input preparation technologies
- 5103 Computer programmer technologies
- 5104 Computer operator and peripheral equipment operation technologies
- 5105 Data processing equipment maintenance technologies
- 5199 Other, specify

#### 5200 HEALTH SERVICES and PARAMEDICAL TECHNOLOGIES

*Subject field designations which characterize students, faculty, facilities, degree and certificate programs, etc. specifically associated with development of skills required for health service related occupations at the semiprofessional level. Two years of preparation beyond high school are usually sufficient for entrance into these occupational fields.*

- 5201 Health services assistant technologies, general
- 5202 Dental assistant technologies
- 5203 Dental hygiene technologies
- 5204 Dental laboratory technologies
- 5205 Medical or biological laboratory assistant technologies
- 5206 Animal laboratory assistant technologies
- 5207 Radiologic technologies (X-ray, etc.)
- 5208 Nursing, R.N. (less than 4-year program)
- 5209 Nursing, practical (L.P.N. or L.V.N.—less than 4-year program)
- 5210 Occupational therapy technologies
- 5211 Surgical technologies
- 5212 Optical technologies (include ocular care, ophthalmic, optometric technologies)
- 5213 Medical record technologies

- 5214 Medical assistant and medical office assistant technologies
- 5215 Inhalation therapy technologies
- 5216 Psychiatric technologies (include mental health aide programs)
- 5217 Electro diagnostic technologies (include E.K.G., E.E.G., etc.)
- 5218 Institutional management technologies (rest home, etc.)
- 5219 Physical therapy technologies
- 5299 Other, specify

#### 5300 MECHANICAL and ENGINEERING TECHNOLOGIES

*Subject field designations which characterize students, faculty, facilities, degree and certificate programs, etc. specifically associated with development of skills required for mechanical and engineering related occupations at the semiprofessional level. Two years of preparation beyond high school are usually sufficient for entrance into these occupational fields.*

- 5301 Mechanical and engineering technologies, general
- 5302 Aeronautical and aviation technologies
- 5303 Engineering graphics (tool and machine drafting and design)
- 5304 Architectural drafting technologies
- 5305 Chemical technologies (include plastics)
- 5306 Automotive technologies
- 5307 Diesel technologies
- 5308 Welding technologies
- 5309 Civil technologies (surveying, photogrammetry, etc.)
- 5310 Electronics and machine technologies (television, appliance, office machine repair, etc.)
- 5311 Electromechanical technologies
- 5312 Industrial technologies
- 5313 Textile technologies
- 5314 Instrumentation technologies
- 5315 Mechanical technologies
- 5316 Nuclear technologies
- 5317 Construction and building technologies (carpentry, electrical work, plumbing, sheet metal, air conditioning, heating, etc.)
- 5399 Other, specify

#### 5400 NATURAL SCIENCE TECHNOLOGIES

*Subject field designations which characterize students, faculty, facilities, degree and certificate programs, etc. specifically associated with development of skills required for natural science related occupations at the semiprofessional level. Two years of preparation beyond high school are usually sufficient for entrance into these occupational fields.*

- 5401 Natural science technologies, general
- 5402 Agriculture technologies (include horticulture)
- 5403 Forestry and wildlife technologies (include fisheries)
- 5404 Food services technologies
- 5405 Home economics technologies
- 5406 Marine and oceanographic technologies
- 5407 Laboratory technologies, general
- 5408 Sanitation and public health inspection technologies (environmental health technologies)
- 5499 Other, specify

#### 5500 PUBLIC SERVICE RELATED TECHNOLOGIES

*Subject field designations which characterize students, faculty, facilities, degree and certificate programs etc. specifically associated with development of skills required for public service related occupations at the semiprofessional level. Two years of preparation beyond high school are usually sufficient for entrance into these occupational fields.*

- 5501 Public service technologies, general
- 5502 Bible study or religion-related occupations
- 5503 Education technologies (teacher aide and 2-year teacher training programs)
- 5504 Library assistant technologies
- 5505 Police, law enforcement, corrections technologies
- 5506 Recreation and social work related technologies
- 5507 Fire control technology
- 5508 Public administration and management technologies
- 5599 Other, specify



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## **AN INDEX OF DISCIPLINE SPECIALTIES**

**Section I:  
CONVENTIONAL ACADEMIC SUBDIVISIONS  
OF KNOWLEDGE AND TRAINING**

**Section II:  
TECHNOLOGICAL AND OCCUPATIONAL CURRICULUMS  
LEADING TO ASSOCIATE DEGREES  
AND OTHER AWARDS BELOW THE BACCALAUREATE**



In view of the length and comprehensive nature of the Taxonomy of Instructional Programs, it may sometimes be difficult to locate the appropriate reporting title for a specific instructional program. To assist with the look-up task, a summary list of the broad discipline divisions is shown below, and an alphabetic listing of all of the specialties is presented on the following pages.

## SECTION I DISCIPLINE DIVISIONS

*(Conventional academic subdivisions of knowledge and training)*

Code

0100	AGRICULTURE and NATURAL RESOURCES
0200	ARCHITECTURE and ENVIRONMENTAL DESIGN
0300	AREA STUDIES
0400	BIOLOGICAL SCIENCES
0500	BUSINESS and MANAGEMENT
0600	COMMUNICATIONS
0700	COMPUTER and INFORMATION SCIENCES
0800	EDUCATION
0900	ENGINEERING
1000	FINE and APPLIED ARTS
1100	FOREIGN LANGUAGES
1200	HEALTH PROFESSIONS
1300	HOME ECONOMICS
1400	LAW
1500	LETTERS
1600	LIBRARY SCIENCE
1700	MATHEMATICS

1800	MILITARY SCIENCES
1900	PHYSICAL SCIENCES
2000	PSYCHOLOGY
2100	PUBLIC AFFAIRS and SERVICES
2200	SOCIAL SCIENCES
2300	THEOLOGY
4900	INTERDISCIPLINARY STUDIES

## SECTION II DISCIPLINE DIVISIONS

*(Technological and occupational specialties related to curriculums leading to associate degrees and other awards below the baccalaureate)*

Code

5000	BUSINESS and COMMERCE TECHNOLOGIES
5100	DATA PROCESSING TECHNOLOGIES
5200	HEALTH SERVICES and PARAMEDICAL TECHNOLOGIES
5300	MECHANICAL and ENGINEERING TECHNOLOGIES
5400	NATURAL SCIENCE TECHNOLOGIES
5500	PUBLIC SERVICE RELATED TECHNOLOGIES

### Section I:

#### CONVENTIONAL ACADEMIC SUBDIVISIONS OF KNOWLEDGE AND TRAINING

Title	Code	Title	Code	Title	Code
Accounting	0502	Arabic	1112	Biomedical communication	1217
Administration, business	0506	Archeology	2203	Biomedical engineering	0905
Administration, educational	0827	Architectural engineering	0904	Biometrics	0419
Administration, public	2102	Architecture	0202	Biophysics	0415
Administration, special education	0809	Architecture, naval	0923	Biostatistics	0419
Adult education	0807	Art	1002	Black culture studies	2211
Advertising	0604	Art appreciation	1003	Botany, general	0402
Aeronautical engineering	0902	Art, commercial	1009	Business administration	0506
Aerospace engineering	0902	Art education	0831	Business, agricultural	0112
Aerospace science	1803	Art history	1003	Business economics	0517
African languages (non-Semitic)	1116	Asian studies, general	0301	Business education	0838
African studies	0305	Astronautical engineering	0902	Business, general	0501
Afro-American studies	2211	Astronomy	1911	Business, international	0513
Agricultural business	0112	Astrophysics	1912	Business management	0506
Agricultural economics	0111	Atmospheric sciences	1913	Business statistics	0503
Agricultural engineering	0903	Audiology	1220	Cafeteria management	1307
Agricultural management	0110	Bacteriology	0403	Catalan	1199
Agriculture, general	0101	Banking	0504	Cell biology	0417
Agriculture technologies	0116	Biblical languages	2303	Cell physiology	0417
Agronomy	0102	Biochemistry	0414	Ceramic engineering	0916
American Indian cultural studies	2212	Bioengineering	0905	Ceramics	1009
American studies	0313	Biological and physical sciences (interdisciplinary)	4902	Chemical engineering	0906
Analytical chemistry	1909	Biology, cellular	0417	Chemistry, general	1905
Anatomy	0412	Biology, general	0401	Child development	1305
Animal science	0104	Biology, marine	0418	Chinese	1107
Anthropology	2202	Biology, molecular	0416	Chiropractic	1221
Applied design	1009			Cinematography	1010
Applied mathematics	1703				

<i>Title</i>	<i>Code</i>	<i>Title</i>	<i>Code</i>	<i>Title</i>	<i>Code</i>
City planning	0206	Education, religious	2304	Health education	0837
Civil engineering	0908	Education of the visually handicapped	0814	Health professions, general	1201
Classics	1504	Educational administration	0827	Hebrew	1111
Clinical psychology	2003	Educational evaluation	0825	Helping services	2104
Clinical social work	1222	Educational measurement	0825	Higher education, general	0805
Clothing	1303	Educational psychology	0822	Histology	0413
Commerce education	0838	Educational research	0824	History	2205
Commerce, general	0501	Educational statistics	0824	History of education	0821
Commercial art	1009	Educational supervision	0828	Home decoration	1302
Communication media	0605	Educational testing	0825	Home economics, general	1301
Communications, general	0601	Electrical engineering	0909	Home equipment	1302
Communications engineering	0909	Electronics engineering	0909	Home management	1304
Community college education	0806	Elementary education, general	0802	Horticulture	0108
Community planning	0206	Embryology	0427	Hospital administration	1202
Community services, general	2101	Engineering, general	0901	Hotel management	0508
Comparative literature	1503	Engineering mechanics	0921	Humanities and social sciences (interdisciplinary)	4903
Computer programming	0704	Engineering and other disciplines (interdisciplinary)	4904	Husbandry, animal	0104
Computer sciences, general	0701	Engineering physics	0919	Husbandry, dairy	0105
Construction engineering	0908	Engineering technologies	0925	Ichthyology	0499
Consumer economics	1304	English as a foreign language	1508	India studies	0303
Continuing education	0807	English, general	1501	Indian (Asiatic)	1113
Corrections	2105	English, literature	1502	Industrial arts education	0839
Counseling, educational	0826	Entomology	0421	Industrial engineering	0913
Counseling, psychology for	2004	Environmental design, general	0201	Industrial psychology	2008
Creative writing	1507	Environmental engineering	0922	Industrial relations	0516
Criminology	2209	European studies, general	0310	Information sciences	0702
Crop management	0102	Experimental psychology (animal and human)	2002	Information sciences, general	0701
Curriculum	0829	Family life education	0837	Information systems	0702
Cytology	0417	Family relations	1305	Inorganic chemistry	1906
Dairy sciences	0105	Farm management	0110	Institutional management	1307
Dance	1008	Fashion design	1009	Instruction	0829
Danish	1114	Field crops	0102	Insurance	0512
Data processing	0703	Finance	0504	Interior decoration	1009
Debate	1506	Fine arts, general	1001	Interior design	0203
Demography	2215	Finnish	1199	International business	0513
Dental hygiene	1213	Fish management	0107	International public service	2106
Dental specialties	1205	Floriculture	0109	International relations	2210
Dental technologies	1224	Foods and nutrition	1306	Investments	0505
Dentistry, D.D.S. or D.M.D. degree	1204	Food science	0113	Islamic studies	0306
Developmental psychology	2009	Food technology	0113	Italian	1104
Dietetics	1306	Foreign languages, general	1101	Japanese	1108
Distributive education	0838	Forensic science	1506	Jewelry	1009
Dramatic arts	1007	Forestry	0114	Journalism	0602
Drawing	1002	Forestry technologies	0116	Junior college education	0806
Driver education	0836	French	1102	Junior high school education	0804
Earth sciences, general	1917	Fruit production	0108	Kindergarten education	0823
East Asian studies	0302	Game management	0107	Korean	1199
Eastern European studies	0311	General liberal arts and sciences (interdisciplinary)	4901	Labor relations	0516
Ecology	0420	Genetics	0422	Landscape architecture	0204
Economics	2204	Geochemistry	1915	Latin	1109
Economics, agricultural	0111	Geography	2206	Latin American studies	0308
Economics, business	0517	Geological engineering	0911	Law enforcement	2105
Education of the culturally disadvantaged	0813	Geology	1914	Law, general	1401
Education of the deaf	0812	Geophysical engineering	0912	Learning theory	0822
Education of the emotionally disturbed	0816	Geophysics	1916	Liberal arts and sciences (interdisciplinary)	4901
Education, general	0801	German	1103	Library science, general	1601
Education of the gifted	0811	Government	2207	Limnology	0499
Education of mentally retarded	0810	Greek, classical	1110	Linguistics	1505
Education of the multiple handicapped	0820	Guidance, education	0826	Literature, comparative	1503
Education of the physically handicapped	0819	Health care administration	1202	Literature, English	1502
				Management, business	0506
				Management, engineering	0913

<i>Title</i>	<i>Code</i>	<i>Title</i>	<i>Code</i>	<i>Title</i>	<i>Code</i>
Marine biology	0418	Pathology, plant	0404	Sanitary engineering	0922
Marine engineering	0923	Personnel management	0515	Sanskrit	1199
Marketing	0509	Petroleum engineering	0907	Scandinavian languages	1114
Materials engineering	0915	Petroleum refining	0906	Science education	0834
Mathematics, applied	1703	Pharmaceutical chemistry	1910	Sculpture	1002
Mathematics, education	0833	Pharmacology, animal	0409	Secondary education, general	0803
Mathematics, general	1701	Pharmacology, human	0409	Secretarial studies	0514
Mathematics, statistics	1702	Pharmacology, plant	0405	Securities	0505
Mechanical engineering	0910	Pharmacy	1211	Seismology	1916
Medical laboratory technologies	1223	Philology	1505	Semantics	1505
Medical record librarianship	1215	Philosophy	1509	Slavic languages (other than Russian)	1115
Medical specialties	1207	Philosophy of education	0821	Slavic studies	0307
Medicine, M.D. degree	1206	Phonetics	1505	Social foundations of education	0821
Metallurgical engineering	0914	Photography	1011	Social sciences, general	2201
Metallurgy	1920	Physical chemistry	1908	Social psychology	2005
Metalsmithing	1009	Physical education	0835	Social work	2104
Meteorology	1913	Physical sciences, general	1901	Sociology	2208
Mexican-American cultural studies	2213	Physical therapy	1212	Soil conservation	0103
Microbiology	0411	Physics, general	1902	Soil management	0103
Middle Eastern studies	0309	Physiological psychology	2010	Soil science	0103
Military science	1801	Physiology, animal	0410	South Asian studies	0303
Mineral engineering	0918	Physiology, human	0410	Southeast Asian studies	0304
Mining engineering	0918	Physiology, plant	0406	Spanish	1105
Molecular biology	0416	Plant pathology	0404	Special education, general	0808
Molecular physics	1903	Plant pharmacology	0405	Special learning disabilities	0818
Music (liberal arts program)	1005	Plant physiology	0406	Speech	1506
Music appreciation	1006	Podiatry	1216	Speech correction	0815
Music, composition	1004	Political science	2207	Speech pathology	1220
Music education	0832	Poultry science	0106	Statistics, mathematical and theoretical	1702
Music history	1006	Pre-elementary education	0823	Statistics in psychology	2007
Music, performing	1004	Programming, computer	0704	Student personnel	0826
Music, theory	1004	Psychology, clinical	2003	Swedish	1114
Musicology	1006	Psychology for counseling	2004	Systems analysis	0705
Natural resources management	0115	Psychology, developmental	2009	Systems, information	0702
Naval architecture	0923	Psychology, education	0822	Teaching of English as a foreign language	1508
Naval science	1802	Psychology, general	2001	Technical education	0839
Neurosciences	0425	Psychology, industrial	2008	Television	0603
Norwegian	1114	Psychology, physiological	2010	Textile design	1009
Nuclear engineering	0920	Psychology, social	2005	Textile engineering	0917
Nuclear physics	1904	Psychometrics	2006	Textiles, home economics	1303
Nursery science	0109	Public address	1506	Theological professions, general	2301
Nursing (baccalaureate and higher programs)	1203	Public administration	2102	Toxicology	0426
Nutrition, scientific	0424	Public health	1214	Transportation	0510
Occupational therapy	1208	Public utilities	0510	Transportation engineering	0908
Ocean engineering	0924	Purchasing	0509	Urban architecture	0205
Oceanography	1919	Radio	0603	Urban studies	2214
Operations research	0507	Radiobiology	0423	Vegetable production	0108
Optometry	1209	Radiologic technologies	1225	Veterinary medicine, D.V.M. degree	1218
Organic chemistry	1907	Range management	0117	Veterinary medicine specialties	1219
Ornamental horticulture	0109	Reading education	0830	Vietnamese	1199
Ornithology	0499	Real estate	0511	Vocational education	0839
Osteopathic medicine, D.O. degree	1210	Recreation management	2103	Weaving	1009
Pacific area studies	0314	Regional planning	0206	West European studies	0312
Painting	1002	Rehabilitation services	1222	Wildlife management	0107
Paleontology	1918	Religious education	2304	Writing, creative	1507
Parasitology	0499	Religious music	2302	Zoology, general	0407
Park management	2103	Religious studies	1510		
Pathology, animal	0408	Remedial education	0817		
Pathology, human	0408	Restaurant management	0508		
		Rhetoric	1506		
		Russian	1106		
		Russian studies	0307		
		Safety education	0836		



## Section II:

TECHNOLOGICAL AND OCCUPATIONAL CURRICULUMS LEADING TO ASSOCIATE DEGREES  
AND OTHER AWARDS BELOW THE BACCALAUREATE

<i>Title</i>	<i>Code</i>	<i>Title</i>	<i>Code</i>	<i>Title</i>	<i>Code</i>
Accounting technologies	5002	Finance technologies	5003	Occupational therapy technologies	5210
Advertising design technologies	5012	Fine arts technologies	5012	Oceanographic technologies	5406
Advertising technologies	5004	Fire control technology	5507	Ocular care, technologies	5212
Aeronautical technologies	5302	Fisheries technologies	5403	Office machine repair technologies	5310
Agriculture technologies	5402	Food services technologies	5404	Office machine training	5005
Air conditioning technologies	5317	Forestry technologies	5403	Ophthalmic, technologies	5212
Airport management technologies	5004	Graphic arts technologies	5012	Optical technologies	5212
Animal laboratory assistant technologies	5206	Health services assistant technologies, general	5201	Optometric technologies	5212
Appliance repair technologies	5310	Heating technologies	5317	Personal service technologies	5006
Applied arts technologies	5012	Home economics technologies	5405	Personnel management technologies	5004
Architectural drafting technologies	5304	Horticulture technologies	5402	Photogrammetry technologies	5309
Automotive technologies	5306	Hospital food service technologies	5404	Photography technologies	5007
Aviation technologies	5302	Hotel management technologies	5010	Physical therapy technology	5219
Banking technologies	5003	Industrial management technologies	5004	Plastics technologies	5305
Bible study	5502	Industrial technologies	5312	Plumbing technologies	5317
Biological laboratory assistant technologies	5205	Inhalation therapy technologies	5215	Police technologies	5505
Broadcasting technologies	5008	Input preparation technologies	5102	Printing technologies	5009
Building technologies	5317	Institutional management technologies	5218	Programmer technologies	5103
Business management technologies	5004	Instrumentation technologies	5314	Psychiatric technologies	5216
Business technologies, general	5001	Insurance technologies	5004	Public administration and management technologies	5508
Carpentry technologies	5317	Key punch operator technologies	5102	Public health inspection technologies	5408
Chemical technologies	5305	Laboratory technologies, general	5407	Public service technologies, general	5501
Civil technologies	5309	Landscape technologies	5402	Public utility technologies	5011
Commerce technologies, general	5001	Law enforcement technologies	5505	Purchasing technologies	5004
Communications technologies	5008	Library assistant technologies	5504	Radio broadcasting technologies	5008
Computer operator technologies	5104	Lithography technologies	5009	Radio repair technologies	5310
Computer, peripheral equipment operation technologies	5104	Machine drafting and design technologies	5303	Radiologic technologies	5207
Computer programmer technologies	5103	Machine repair technologies	5310	Real estate technologies	5004
Construction technologies	5317	Marina management technologies	5004	Recreation technologies	5506
Corrections technologies	5505	Marine technologies	5406	Religion related occupations	5502
Cosmetologist	5006	Marketing technologies	5004	Rest home management technology	5218
Data processing equipment maintenance technologies	5105	Mechanical technologies	5315	Restaurant management technologies	5010
Data processing technologies, general	5101	Mechanical technologies, general	5301	Sales technologies	5004
Dental assistant technologies	5202	Medical assistant technologies	5214	Sanitation technologies	5408
Dental hygiene technologies	5203	Medical laboratory assistant technologies	5205	Secretarial technologies	5005
Dental laboratory technologies	5204	Medical office assistant technologies	5214	Sheet metal technologies	5317
Diesel technologies	5307	Medical record technologies	5213	Social work related technologies	5506
Distribution technologies	5004	Mental health aide programs	5216	Stewardess preparation	5006
Drafting, architectural	5304	Natural science technologies, general	5401	Surgical technologies	5211
Education technologies	5503	Newspaper communication technologies	5008	Surveying technologies	5309
Electrician technologies	5317	Nuclear technologies	5316	Teacher aide preparation	5503
Electro diagnostic technologies	5217	Nursing, practical (L.P.N. or L.V.N.)	5209	Television broadcasting technologies	5008
Electromechanical technologies	5311	Nursing R.N. preparation	5208	Television repair technologies	5310
Electronics and machine technologies	5310			Textile technologies	5313
Engineering graphics	5303			Tool design technologies	5303
Engineering technologies, general	5301			Transportation technologies	5011
Environmental health technologies	5408			Welding technologies	5308
				Wildlife technologies	5403
				X-ray technologies	5207



## **APPENDIX TRANSLATION TABLES**

- 1. HEGIS DEGREES AND OTHER FORMAL AWARDS  
CONFERRED BETWEEN JULY 1, 1968,  
AND JUNE 30, 1969**
- 2. HIGHER EDUCATION FACILITIES CLASSIFICATION**
- 3. VOCATIONAL EDUCATION AND OCCUPATIONS  
CLASSIFICATION SYSTEMS**
- 4. INTERAGENCY CLASSIFICATION OF FIELDS OF  
SCIENCE AND ENGINEERING**



**1. TRANSLATION TABLE FOR HEGIS DEGREES AND OTHER FORMAL AWARDS  
CONFERRED BETWEEN JULY 1, 1968, AND JUNE 30, 1969**

<b>HEGIS 1968-69</b>		<b>NEW HEGIS TAXONOMY</b>	
<i>Discipline specialty</i>		<i>Discipline specialty</i>	
	<i>Code</i>	<i>Code</i>	
<b>FIRST-PROFESSIONAL DEGREES</b>			
Chiropody or podiatry (D.S.C. or Pod. D.)	4401	1216	Podiatry, Pod.D., D.P., or D.P.M.
Dentistry (D.D.S. or D.M.D.)	4407	1204	Dentistry, D.D.S., or D.M.D.
Medicine (M.D.)	4416	1206	Medicine, M.D.
Optometry (O.D.)	4425	1209	Optometry
Osteopathy (D.O.)	4428	1210	Osteopathic medicine, D.O.
Veterinary medicine (D.V.M.)	4443	1218	Veterinary Medicine, D.V.M.
Law (LL.B. or J.D.)	5000	1401	Law, general
Theology (B.D., Rabbi, etc.)	7404	2301	Theological professions
<b>BACHELOR'S, MASTER'S, AND DOCTOR'S DEGREES</b>			
<b>Agriculture</b>			
Agriculture, general	1001	0101	Agriculture, general
Agriculture, business	1003	0112	Agricultural business
Agronomy, field crops	1002	0102	Agronomy, field crops, and crop management
Animal science	1004	0104	Animal science (husbandry)
Dairy science	1007	0105	Dairy science (husbandry)
Farm management	1013	0110	Agricultural and farm management
Fish, game, or wildlife management	1014	0107	Fish, game, and wildlife management
Food science	1016	0113	Food science and technology
Horticulture	1019	0108	Horticulture
International agriculture	1020	0199	Other, specify
Ornamental horticulture	1022	0109	Ornamental horticulture
Poultry science	1025	0106	Poultry science
Soil science	1028	0103	Soils science
Other agriculture	*1037	0199	Other, specify
<b>Architecture</b>	*1400	0201	Environmental design, general
		0202	Architecture
		0203	Interior design
		0204	Landscape architecture
		0205	Urban architecture
		0299	Other, specify
<b>City Planning</b>	1500	0206	City, community, and regional planning
<b>Biological Sciences</b>			
Premedical, preidental, and preveterinary sciences	*1701		
Biology, general	1704	0401	Biology, general
Botany, general	1707	0402	Botany, general
Zoology, general	1710	0407	Zoology, general
Anatomy, histology	*1713	0412	Anatomy
Bacteriology, virology, mycology, parasitology, microbiology	*1716	0413	Histology
		0403	Bacteriology
		0411	Microbiology
		0499	Other, specify
Biochemistry	1721	0414	Biochemistry
Biophysics	1724	0415	Biophysics
Cytology	1727	0417	Cell biology
Ecology	1729	0420	Ecology
Embryology	1730	0427	Embryology
Entomology	1733	0421	Entomology
Genetics	1736	0422	Genetics
Molecular biology	1738	0416	Molecular biology
Nutrition	1737	0424	Nutrition, scientific
Optometry (preprofessional)	1739	1209	Optometry
Pathology	1742	0408	Pathology, human and animal
Pharmacology	*1745	0405	Plant pharmacology
		0409	Pharmacology, human and animal

\* Accurate translation will require examination of the program to determine primary emphasis.

## HEGIS 1968-69

*Discipline specialty*

	<i>Code</i>
Physiology .....	1748
Plant pathology .....	1751
Plant physiology .....	1754
Other biological sciences .....	*1757
<b>Business and Commerce</b>	
Business and commerce, general .....	2001
Accounting .....	2002
Finance, banking .....	2003
Hotel or restaurant administration .....	2004
Marketing .....	2005
Real estate, insurance .....	*2006
Secretarial studies .....	2007
Transportation .....	2016
Other business and commerce .....	*2056
<b>Computer Science and Systems Analysis</b>	
Data processing .....	2105
Computer science .....	2110
Systems analysis .....	2120
Other computer science .....	*2198
<b>Education</b>	
Physical education .....	2301
Health education .....	2304
Recreation .....	*2307
Education of the mentally retarded .....	2308
Education of the gifted .....	2309
Education of the deaf .....	2310
Speech and hearing impaired .....	*2311
Education of the visually handicapped .....	2312
Education of the emotionally disturbed .....	2313
Special learning disability .....	2314
Education of the crippled .....	2315
Education of the multiple handicapped .....	2316
Administration of special education .....	2317
Education of exceptional children (other special education) .....	*2318
Agricultural education .....	2319
Art education .....	2322
Business education, commerce education .....	2325
Distributive education, retail selling .....	2328
Home economics education .....	2331
Industrial arts education .....	2333
Music education .....	2336
Trade or industrial education, vocational .....	2339
Nursery, kindergarten education .....	2350
Early childhood education .....	2353
Elementary education .....	2356
Secondary education, including junior high school .....	*2359
Combined elementary and secondary education .....	2362
Adult education .....	2365
Educational administration, supervision, finance .....	*2371
Education specialist .....	*2370
Counseling and guidance .....	2372
Rehabilitation counselor training .....	*2373

## NEW HEGIS TAXONOMY

*Discipline specialty*

	<i>Code</i>
0410 .....	Physiology, human and animal
0404 .....	Plant pathology
0406 .....	Plant physiology
0499 .....	Other, specify
0501 .....	Business and commerce, general
0502 .....	Accounting
0504 .....	Banking and finance
0508 .....	Hotel and restaurant management
0509 .....	Marketing and purchasing
0511 .....	Real estate
0512 .....	Insurance
0514 .....	Secretarial studies
0510 .....	Transportation and public utilities
0599 .....	Other, specify
0703 .....	Data processing
0701 .....	Computer and information sciences, general
0705 .....	Systems analysis
0799 .....	Other, specify
0835 .....	Physical education
0837 .....	Health education
0835 .....	Physical education
2103 .....	Parks and recreation management
0810 .....	Education of the mentally retarded
0811 .....	Education of the gifted
0812 .....	Education of the deaf
0815 .....	Speech correction
0820 .....	Education of the multiple handicapped
0814 .....	Education of the visually handicapped
0816 .....	Education of the emotionally disturbed
0818 .....	Special learning disabilities
0819 .....	Education of the physically handicapped
0820 .....	Education of the multiple handicapped
0809 .....	Administration of special education
0899 .....	Other, specify
0899 .....	Other, specify
0831 .....	Art education
0838 .....	Business, commerce, and distributive education
0838 .....	Business, commerce, and distributive education
0899 .....	Other, specify
0839 .....	Industrial arts, vocational, and technical education
0832 .....	Music education
0839 .....	Industrial arts, vocational, and technical education
0823 .....	Pre-elementary education (kindergarten)
0802 .....	Elementary education
0802 .....	Elementary education
0803 .....	Secondary education, general
0804 .....	Junior high school education
0801 .....	Education, general
0807 .....	Adult and continuing education
0827 .....	Educational administration
0828 .....	Educational supervision
0826 .....	Student personnel (counseling and guidance)
0826 .....	Student personnel (counseling and guidance)

\* Accurate translation will require examination of the program to determine primary emphasis.

**HEGIS 1968-69***Discipline specialty*

	<i>Code</i>
History, philosophy or theory of education; comparative education .....	2374
Curriculum, instruction .....	2375
Education, general .....	2376
Educational psychology .....	2377
Physical education, nonteaching .....	2378
Preprofessional bachelor's degree in education .....	2380
Other education fields .....	*2342
	*2368
	*2382

**Engineering**

Aerospace, aeronautical, astronautical engineering .....	2602
Agricultural engineering .....	2607
Architectural engineering .....	2608
Biomedical engineering .....	2610
Ceramic engineering .....	2612
Chemical engineering, petroleum refining engineering .....	2614
Civil, construction, transportation engineering .....	2621
Electrical engineering .....	2632
Engineering sciences, mechanics, physics; science engineering .....	*2645
Environmental health, sanitary engineering .....	2646
General engineering .....	2647
Geological, geophysical engineering; mining geology .....	*2649
Industrial and management engineering .....	2653
Mechanical engineering .....	2660
Metallurgical and materials engineering; materials science .....	*2670
Mining and mineral engineering .....	2672
Naval architecture and marine engineering .....	2674
Nuclear engineering .....	2676
Petroleum engineering .....	2678
Other engineering .....	*2697

**English and Journalism**

English, literature, creative writing, language arts, comparative literature .....	*2901
Journalism .....	2904

**Fine and Applied Arts**

Art, general .....	3201
Music, sacred music .....	3204
Speech and dramatic arts .....	*3207
Other fine and applied arts .....	*3213

**NEW HEGIS TAXONOMY***Discipline specialty*

<i>Code</i>	
0821 .....	Social foundations (history and philosophy of education)
0829 .....	Curriculum and instruction
0801 .....	Education, general
0822 .....	Educational psychology
0835 .....	Physical education
0801 .....	Education, general
0899 .....	Other, specify
0902 .....	Aerospace, aeronautical, and astronautical engineering
0903 .....	Agricultural engineering
0904 .....	Architectural engineering
0905 .....	Bioengineering and biomedical engineering
0916 .....	Ceramic engineering
0906 .....	Chemical engineering (include petroleum refining)
0908 .....	Civil, construction, and transportation engineering
0909 .....	Electrical, electronics, and communications engineering
0919 .....	Engineering physics
0921 .....	Engineering mechanics
0922 .....	Environmental and sanitary engineering
0901 .....	Engineering, general
0911 .....	Geological engineering
0912 .....	Geophysical engineering
0913 .....	Industrial and management engineering
0910 .....	Mechanical engineering
0914 .....	Metallurgical engineering
0915 .....	Materials engineering
0918 .....	Mining and mineral engineering
0923 .....	Naval architecture and marine engineering
0920 .....	Nuclear engineering
0907 .....	Petroleum engineering
0999 .....	Other, specify
1501 .....	English, general
1502 .....	Literature, English
1507 .....	Creative writing
1504 .....	Classics
1503 .....	Comparative literature
0602 .....	Journalism
1002 .....	Art (painting, drawing, sculpture)
1004 .....	Music (performing, composition, theory)
1005 .....	Music (liberal arts program)
1006 .....	Music history and appreciation (musicology)
2302 .....	Religious music
1506 .....	Speech, debate, and forensic science
1007 .....	Dramatic arts
1099 .....	Other, specify

\* Accurate translation will require examination of the program to determine primary emphasis.

HEGIS 1968-69		NEW HEGIS TAXONOMY	
<i>Discipline specialty</i>	<i>Code</i>	<i>Code</i>	<i>Discipline specialty</i>
Folklore	3300	1599	Other, specify
<b>Foreign Languages and Literature</b>			
Linguistics (phonetics and semantics)	3501	1505	Linguistics (include phonetics, semantics, and philology)
Latin, classical Greek	*3511	1109	Latin
		1110	Greek, classical
Modern languages (three or more)	3513	1101	Foreign languages, general
French	3520	1102	French
Italian	3522	1104	Italian
Portuguese	3524	1199	Other, specify
Spanish	3526	1105	Spanish
Philology and literature of Romance languages	3528	1101	Foreign languages, general
German	3540	1103	German
Other Germanic languages	*3546	1114	Scandinavian languages
		1199	Other, specify
Arabic	3560	1112	Arabic
Chinese	3564	1107	Chinese
Hebrew	3568	1111	Hebrew
Hindi, Urdu	3572	1113	Indian (Asiatic)
Japanese	3576	1108	Japanese
Russian	3580	1106	Russian
Other Slavic languages	3586	1115	Slavic languages (other than Russian)
Other foreign languages	3590	1199	Other, specify
Forestry	3800	0114	Forestry
Geography	4100	2206	Geography
<b>Health Professions</b>			
Chiropody or podiatry	4401	1216	Podiatry
Dental hygiene	4404	1213	Dental hygiene
Hospital administration	4410	1202	Hospital and health care administration
Medical technology	4413	1223	Medical laboratory technologies
Nursing; public health nursing	4419	1203	Nursing
Occupational therapy	4422	1208	Occupational therapy
Optometry	4425	1209	Optometry
Osteopathy	4428	1210	Osteopathic medicine
Pharmacy	4431	1211	Pharmacy
Physical therapy	4434	1212	Physical therapy
Public health	4437	1214	Public health
Radiologic technology	4440	1225	Radiologic technologies
Clinical dental sciences (degrees beyond D.D.S. or D.M.D.)	4446	1205	Dental specialties (work beyond D.D.S.)
Clinical medical sciences (work or degrees beyond M.D.)	4449	1207	Medical specialties (work beyond M.D.)
Clinical veterinary medical sciences	4452	1219	Veterinary medicine specialties (work beyond D.V.M.)
Other health professions	*4455	1299	Other, specify
<b>Home Economics</b>			
Home economics, general	4701	1301	Home economics, general
Child development, family relations	4704	1305	Family relations and child development
Clothing, textiles	4707	1303	Clothing and textiles
Foods and nutrition	4710	1306	Foods and nutrition
Institution management	4713	1307	Institutional and cafeteria management
Other home economics	*4719	1399	Other, specify
Law	5000	1401	Law, general
Library Science	5300	1601	Library science, general

\* Accurate translation will require examination of the program to determine primary emphasis.



## HEGIS 1968-69

*Discipline specialty*

	<i>Code</i>
<b>Mathematical Sciences</b>	
Mathematics .....	*5601
Statistics .....	5607
<b>Military Science</b>	
Merchant Marine (deck officer) .....	5910
Military, Naval, or Air Force .....	*5920
<b>Philosophy</b>	
Philosophy .....	6501
Scholastic philosophy .....	6504
<b>Physical Sciences</b>	
Physical sciences, general .....	6801
Astronomy .....	6804
Chemistry .....	*6807
Metallurgy .....	6810
Meteorology .....	6813
Pharmaceutical chemistry .....	6815
Physics .....	*6816
Earth sciences, general .....	6818
Geology .....	6819
Geophysics and seismology .....	6822
Oceanography .....	6825
Other earth sciences .....	*6828
Other physical sciences .....	*6831
<b>Psychology</b>	
General psychology .....	7101
Clinical psychology .....	7102
Counseling and guidance (psychology majors) .....	7103
Social psychology .....	7104
Rehabilitation counselor training .....	7105
Educational psychology .....	7106
Other psychology .....	*7110
<b>Records Management</b> .....	7300
<b>Religion</b>	
Religious education, Bible .....	7401
Theology .....	7407
Religion, liberal arts curriculum, nonsectarian .....	7410
Other religion .....	7413
<b>Social Sciences</b>	
Social sciences, general .....	7701
American studies .....	7704
Anthropology .....	7707
Area studies, regional studies .....	*7710

## NEW HEGIS TAXONOMY

*Discipline specialty*

	<i>Code</i>	
1701 .....		Mathematics, general
1703 .....		Applied mathematics
1702 .....		Statistics, mathematical and theoretical
1899 .....		Other, specify
1801 .....		Military science (Army)
1802 .....		Naval science (Navy, Marines)
1803 .....		Aerospace science (Air Force)
1509 .....		Philosophy
1509 .....		Philosophy
1901 .....		Physical sciences, general
1911 .....		Astronomy
1905 .....		Chemistry, general (exclude biochemistry)
1906 .....		Inorganic chemistry
1907 .....		Organic chemistry
1908 .....		Physical chemistry
1909 .....		Analytical chemistry
1920 .....		Metallurgy
1913 .....		Atmospheric sciences and meteorology
1910 .....		Pharmaceutical chemistry
1902 .....		Physics, general (exclude biophysics)
1903 .....		Molecular physics
1904 .....		Nuclear physics
1917 .....		Earth sciences, general
1914 .....		Geology
1916 .....		Geophysics and seismology
1919 .....		Oceanography
1999 .....		Other, specify
1999 .....		Other, specify
2001 .....		Psychology, general
2003 .....		Clinical psychology
2004 .....		Psychology for counseling
2005 .....		Social psychology
2004 .....		Psychology for counseling
0822 .....		Educational psychology
2099 .....		Other, specify
1215 .....		Medical record librarianship
2304 .....		Religious education
2301 .....		Theological professions, general
1510 .....		Religious studies (exclude theological professions)
2399 .....		Other, specify
2201 .....		Social sciences, general
0313 .....		American studies
2202 .....		Anthropology
0301 .....		Asian studies, general
0302 .....		East Asian studies
0303 .....		South Asian (India, etc.) studies
0304 .....		Southeast Asian studies
0305 .....		African studies
0306 .....		Islamic studies

\* Accurate translation will require examination of the program to determine primary emphasis.



## HEGIS 1968-69

*Discipline specialty*

	<i>Code</i>
Economics .....	7713
History .....	7716
International relations .....	7719
Political science, government .....	7722
Sociology .....	7725
Other basic social sciences .....	*7728
Agricultural economics .....	7731
Foreign service programs .....	*7734
Industrial relations .....	7737
Public administration .....	7740
Social work .....	7743
Other applied social sciences .....	*7746

Trade or Industrial Training ..... 8000

**Broad General Curriculums and Miscellaneous Fields**

Arts, general program .....	8301
Sciences, general program .....	8304
Arts and sciences, general program .....	8307
Teaching of English as a foreign language .....	8310
Other interarea studies .....	*8313

**DEGREES AND COMPLETIONS BASED ON LESS THAN 4 YEARS OF WORK BEYOND HIGH SCHOOL****Engineering—Related Curriculums**

Aeronautical technology .....	2606
Architectural or building technology .....	*2610
Chemical technology .....	2619
Civil technology .....	2630
Electrical or electronics technology .....	*2636
Industrial technology .....	2658
Instrumentation technology .....	2662
Mechanical technology .....	2668
Metallurgical technologies .....	*2675
Nuclear technologies .....	2677
Other engineering-related curriculums .....	*2698

**Science—Related Curriculums**

Agriculture .....	1034
Forestry .....	3900
Other science-related curriculums .....	*4920

**Health Service Curriculums**

Dental assistant .....	4402
Dental hygiene .....	4403

## NEW HEGIS TAXONOMY

*Discipline specialty*

<i>Code</i>	
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
0314 .....	Pacific area studies
0399 .....	Other, specify
2204 .....	Economics
2205 .....	History
2210 .....	International relations
2207 .....	Political science and government
2208 .....	Sociology
2299 .....	Other, specify
0111 .....	Agricultural economics
2207 .....	Political science and government
2210 .....	International relations
2299 .....	Other, specify
0516 .....	Labor and industrial relations
2102 .....	Public administration
2104 .....	Social work and helping services
2299 .....	Other, specify

0925 ..... Engineering technologies

4903 .....	Humanities and social sciences
4902 .....	Biological and physical sciences
4901 .....	General liberal arts and sciences
1508 .....	Teaching of English as a foreign language
4999 .....	Other, specify

\* Accurate translation will require examination of the program to determine primary emphasis.

**HEGIS 1968-69**

**NEW HEGIS TAXONOMY**

<i>Discipline specialty</i>		<i>Code</i>	<i>Code</i>	<i>Discipline specialty</i>
Dental laboratory assistant	4405	5204		Dental laboratory technologies
Electroencephalograph technician	4408	5217		Electro diagnostic technologies
Inhalation therapy technician	4411	5215		Inhalation therapy technologies
Medical or biological laboratory technician	4414	5205		Medical or biological laboratory assistant technologies
Medical X-ray technician	4439	5207		Radiologic technologies
Nursing, practical	4417	5209		Nursing, practical (L.V.N. or L.P.N.)
Nursing, associate degree or diploma program	4418	5208		Nursing, R.N. preparation
Occupational therapy assistant	4424	5210		Occupational therapy technologies
Optician	4430	5212		Optical technologies
Surgical technician	4450	5211		Surgical technologies
Other health service curriculums	*4498	5299		Other, specify
<b>Business and Commerce—Related Curriculums</b>				
General business, business administration	2054	5001		Business and commerce technologies, general
Accounting	2060	5002		Accounting technologies
Business data processing	*2065	5101		Data processing technologies, general
		5199		Other, specify
Marketing, distributive education, retail selling	2070	5004		Marketing, distribution, purchasing, business, and industrial management technologies
Secretarial studies	2080	5005		Secretarial technologies
Other business and commerce-related curriculums	*2095	5099		Other, specify
<b>Other</b>				
Scientific data processing	*2190	5101		Data processing technologies, general
		5102		Key punch operator and other input preparation technologies
		5103		Computer programmer technologies
		5104		Computer operator and peripheral equipment operation technologies
		5105		Data processing equipment maintenance technologies
		5199		Other, specify
Bible study, religious work	7490	5502		Bible study or religion-related occupations
Education (2-year training)	2360	5503		Education technologies
Fine, applied, or graphic arts	3294	5012		Applied arts, graphic arts, and fine arts technologies
Home economics	4780	5405		Home economics technologies
Library assistant or technical aide	5310	5504		Library assistant technologies
Police technology, law enforcement	7742	5505		Police, law enforcement, corrections technologies
Other nonscience- and non-engineering-related	*8350			

**2. TRANSLATION TABLE FOR HIGHER EDUCATION FACILITIES CLASSIFICATION**

<b>FACILITIES CLASSIFICATION</b>		<b>NEW HEGIS TAXONOMY</b>	
<i>Department of instruction or research</i>	<i>Code</i>	<i>Code</i>	<i>Discipline division or subdivision</i>
<b>Life Sciences</b>			
Biological sciences	1210	0400	Biological sciences
Agricultural sciences	1220	0100	Agriculture and natural resources
Health sciences	1230	1200	Health professions
Medicine	1231	1206	Medicine, M.D.
Veterinary medicine	1232	1218	Veterinary medicine, D.V.M.
Dentistry	1233	1204	Dentistry, D.D.S. or D.M.D.
Nursing	1234	1203	Nursing
Pharmacy	1235	1211	Pharmacy
Public health	1236	1214	Public health

\* Accurate translation will require examination of the program to determine primary emphasis.

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<b>FACILITIES CLASSIFICATION</b>		<b>NEW HEGIS TAXONOMY</b>	
<i>Department of instruction or research</i>		<i>Discipline specialty</i>	
	<i>Code</i>	<i>Code</i>	
Other .....	1238	1299 .....	Health professions, other
General .....	1239	1201 .....	Health professions, general
General life sciences .....	*1299		
<b>MCPE Sciences</b>			
Mathematical sciences .....	1310	1700 .....	Mathematics
Computer sciences .....	1320	0700 .....	Computer and information sciences
Physical sciences .....	1330	1900 .....	Physical sciences
Engineering sciences .....	1340	0900 .....	Engineering
General MCPE sciences .....	*1399		
<b>Behavioral Sciences</b>			
Psychology .....	1410	2000 .....	Psychology
Social sciences .....	*1420	2200 .....	Social sciences
		0300 .....	Area studies
General behavioral sciences .....	*1499		
<b>Humanities</b>			
Fine arts .....	1510	1000 .....	Fine and applied arts
Letters .....	1520	1500 .....	Letters
General humanities .....	*1599		
<b>Professions</b>			
Administrative professions .....	*1610	0506 .....	Business management and administration
		0827 .....	Educational administration
		2102 .....	Public administration
Education .....	1620	0800 .....	Education
Environmental design .....	1630	0200 .....	Architecture and environment design
Home economics .....	1640	1300 .....	Home economics
Law .....	1650	1400 .....	Law
Social work .....	1660	2104 .....	Social work and helping services
Theology .....	1670	2300 .....	Theology
Other professions .....	*1690		
General professions .....	*1699		
<b>Technical—Vocational</b>			
Agricultural .....	1705	5402 .....	Agricultural technologies
Apparel .....	1710	5405 .....	Home economics technologies
Business .....	1715	5000 .....	Business and commerce technologies
Construction .....	1720	5317 .....	Construction and building technologies
Engineering and industrial .....	*1725	5301 .....	Mechanical and engineering technologies, general
		5312 .....	Industrial technologies
Graphic arts .....	*1730	5012 .....	Applied arts, graphic arts, and fine arts, technologies
		5007 .....	Photography technologies
		5009 .....	Printing and lithography technologies
Health .....	1735	5200 .....	Health services and paramedical technologies
Public service .....	1750	5500 .....	Public service related technologies
Transportation .....	*1760	5011 .....	Transportation and public utility technologies
		5302 .....	Aeronautical and aviation technologies
		5306 .....	Automotive technologies
		5307 .....	Diesel technologies
Other .....	*1790		
General .....	*1799		
<b>Physical Education and Military Science</b>			
Physical education .....	1810	0835 .....	Physical education
Military sciences .....	1820	1800 .....	Military sciences

\* Accurate translation will require examination of the program to determine primary emphasis.

### 3. TRANSLATION TABLE FOR VOCATIONAL EDUCATION AND OCCUPATIONS CLASSIFICATION SYSTEMS

VOCATIONAL/OCCUPATIONAL CLASSIFICATIONS		NEW HEGIS TAXONOMY	
<i>Technical education title (16.000000)</i>		<i>Discipline specialty</i>	
	<i>Code</i>	<i>Code</i>	
Engineering-related technology	16.01	5300	Mechanical and engineering technologies
Aeronautical technology	0101	5302	Aeronautical and aviation technologies
Agricultural technology	0102	5301	Mechanical and engineering technologies, general
Agricultural electrification technology	010201	5317	Construction and building technologies
Agricultural machinery and equipment technology	010202	5301	Mechanical and engineering technologies, general
Agricultural structures and conveniences	010203	5317	Construction and building technologies
Agricultural technology, other	010299	5301	Mechanical and engineering technologies, general
Architectural technology (building construction)	0103	5317	Construction and building technologies
Automotive technology	0104	5306	Automotive technologies
Chemical technology	0105	5305	Chemical technologies
Civil technology	0106	5309	Civil technologies
Roadway technology	010601	5309	Civil technologies
Sanitation technology	010602	5309	Civil technologies
Structural technology	010603	5309	Civil technologies
Civil technology, other	010699	5309	Civil technologies
Electrical technology	*0107	5310	Electronics and machine technologies
		5311	Electromechanical technologies
		5317	Construction and building technologies (electrician)
Electronic technology	0108	5310	Electronics and mechanical technologies
Electromechanical technology	0109	5311	Electromechanical technologies
Environmental control technology	0110	5317	Construction and building technologies
Cooling	011001	5317	Construction and building technologies
Heating	011002	5317	Construction and building technologies
Refrigeration	011003	5317	Construction and building technologies
Environmental control technology, other	011099	5317	Construction and building technologies
Industrial technology	0111	5312	Industrial technologies
Instrumentation technology	0112	5314	Instrumentation technologies
Mechanical technology	0113	5315	Mechanical technologies
Energy conversion	011301	5315	Mechanical technologies
Machine and tool design	011302	5303	Engineering graphics (tool and machine drafting and design)
Production	011303	5315	Mechanical technologies
Mechanical technology, other	011399	5315	Mechanical technologies
Metallurgical technology	0114	5312	Industrial technologies
Nuclear technology	0115	5316	Nuclear technologies
Petroleum technology	0116	5312	Industrial technologies
Scientific data processing	*0117	5101	Data processing technologies, general
		5102	Key punch operator and other input preparation technologies
		5103	Computer programmer technologies
		5104	Computer operator technologies
		5105	Data processing equipment maintenance technologies
		5199	Other, specify
Engineering-related technology, other	*0199	5399	Other, specify
Agricultural-related technology	02	5400	Natural science technologies
Animal science	0201	5402	Agriculture technologies
Dairy technology	0202	5402	Agriculture technologies
Food processing technology	0203	5404	Food services technologies
Plant science	0204	5402	Agriculture technologies
Agricultural-related technology, other	*0299	5499	Other, specify
Health-related technology	03	5200	Health services and paramedical technologies
Dental hygiene (associate degree)	0301	5203	Dental hygiene technologies
Electroencephalograph technician	0302	5217	Electro diagnostic technologies

\* Accurate translation will require examination of the program to determine primary emphasis.



OCCUPATIONAL CLASSIFICATIONS		NEW HEGIS TAXONOMY	
<i>Technical education title (16.000000)</i>		<i>Discipline specialty</i>	
	<i>Code</i>	<i>Code</i>	
Medical laboratory assistant .....	0303	5205 .....	Medical or biological laboratory assistant technologies
Radiologic technology (X-ray) .....	0304	5207 .....	Radiologic technologies (X-ray)
Nursing (associate degree) .....	0305	5208 .....	Nursing, R.N. preparation
Health-related technology, other .....	*0399	5299 .....	Other, specify
Office-related technology .....	*04	5000 .....	Business and commerce technologies
Computer programmer .....	0401	5100 .....	Data processing technologies
Systems analyst technology .....	0402	5103 .....	Computer programmer technologies
Office-related technology, other .....	*0499	5101 .....	Data processing technologies, general
Home economics-related technology .....	05	5199 .....	Other, specify
Child care center assistant .....	0501	5099 .....	Other, specify
Hospital children's division assistant .....	0502	5400 .....	Natural science technologies
Teacher's assistant at preprimary level .....	0503	5405 .....	Home economics technologies
Food service supervisor .....	0504		
Interior decorator assistant .....	0505		
Home equipment demonstrator .....	0506		
Home economics-related technology, other .....	*0599	5499 .....	Other, specify
Miscellaneous technical education .....	*06	5300 .....	Mechanical and engineering technologies
Commercial pilot training .....	0601	5400 .....	Natural science technologies
Fire and safety technology .....	0602	5500 .....	Public service related technologies
Forestry technology .....	0603	5302 .....	Aeronautical and aviation technologies
Oceanographic technology .....	0604	5307 .....	Fire control technology
Police (law enforcement and corrections) science technology .....	0605	5403 .....	Forestry and wildlife technologies
Miscellaneous technical education, other .....	*0699	5406 .....	Marine and oceanographic technologies
		5505 .....	Police, law enforcement, corrections technologies
		5099 .....	Other, specify
		5199 .....	Other, specify
		5299 .....	Other, specify
		5399 .....	Other, specify
		5499 .....	Other, specify
		5599 .....	Other, specify

#### 4. TRANSLATION TABLE FOR INTERAGENCY CLASSIFICATION OF FIELDS OF SCIENCE AND ENGINEERING

INTERAGENCY CLASSIFICATIONS		NEW HEGIS TAXONOMY	
<i>Discipline specialty</i>		<i>Discipline specialty</i>	
	<i>Code</i>	<i>Code</i>	
<b>Physical Sciences</b>			
Astronomy .....	11	1911 .....	Astronomy
Chemistry .....	*12	1905 .....	Chemistry, general
		1906 .....	Inorganic chemistry
		1907 .....	Organic chemistry
		1908 .....	Physical chemistry
		1909 .....	Analytical chemistry
		1910 .....	Pharmaceutical chemistry
		0414 .....	Biochemistry
Physics .....	*13	1902 .....	Physics, general
		1903 .....	Molecular physics
		1904 .....	Nuclear physics
		0415 .....	Biophysics
Physical sciences, not elsewhere classified .....	*19	1901 .....	Physical sciences, general
		1999 .....	Other, specify

\* Accurate translation will require examination of the program to determine primary emphasis.

## INTERAGENCY CLASSIFICATIONS

## NEW HEGIS TAXONOMY

<i>Discipline specialty</i>	<i>Code</i>	<i>Code</i>	<i>Discipline specialty</i>
<b>Mathematics</b> .....	*21	1701 .....	Mathematics, general
		1702 .....	Statistics, mathematical and theoretical
		1703 .....	Applied mathematics
		1799 .....	Other, specify
<b>Environmental Sciences</b>			
Atmospheric sciences .....	31	1913 .....	Atmospheric sciences and meteorology
Geological sciences .....	*32	1914 .....	Geology
		1915 .....	Geochemistry
		1916 .....	Geophysics and seismology
		1917 .....	Earth sciences, general
Oceanography .....	33	1919 .....	Oceanography
Environmental sciences, not elsewhere classified .....	*39	1901 .....	Physical sciences, general
		1999 .....	Other, specify
<b>Engineering</b>			
Aeronautical .....	41	0902 .....	Aerospace, aeronautical, and astronautical engineering
Astronautical .....	42	0902 .....	Aerospace, aeronautical, and astronautical engineering
Chemical .....	43	0906 .....	Chemical engineering
Civil .....	44	0908 .....	Civil, construction, and transportation engineering
Electrical .....	45	0909 .....	Electrical, electronics, and communications engineering
Mechanical .....	46	0910 .....	Mechanical engineering
Metallurgy and materials .....	*47	0914 .....	Metallurgical engineering
		0915 .....	Materials engineering
Engineering, not elsewhere classified .....	*49	0901 .....	Engineering, general
		0999 .....	Other, specify
<b>Life Sciences</b>			
Biological .....	*51	0401 .....	Biology, general
		0402 .....	Botany, general
		0403 .....	Bacteriology
		0404 .....	Plant pathology
		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
		0425 .....	Neurosciences
		0426 .....	Toxicology
		0427 .....	Embryology
Clinical medical .....	*52	1201 .....	Health professions, general
		1203 .....	Nursing (baccalaureate and higher programs)

\* Accurate translation will require examination of the program to determine primary emphasis.

## INTERAGENCY CLASSIFICATIONS

<i>Discipline specialty</i>	<i>Code</i>
.....	*52
Life sciences, not elsewhere classified .....	*59
<b>Psychology</b>	
Biological aspects .....	*61
Social aspects .....	*62
Psychological sciences, not elsewhere classified .....	*69
<b>Social Sciences</b>	
Anthropology .....	71
Economics .....	72
History .....	73
Linguistics .....	74
Political science .....	75
Sociology .....	76
Social sciences, not elsewhere classified .....	*79
<b>Other Sciences,</b>	
not elsewhere classified .....	*99

## NEW HEGIS TAXONOMY

<i>Code</i>	<i>Discipline specialty</i>
1204	Dentistry, D.D.S or D.M.D. degree
1205	Dental specialties (work beyond first-professional degree, D.D.S. or D.M.D.)
1206	Medicine, M.D. degree
1207	Medical specialties (work beyond first-professional degree, M.D.)
1208	Occupational therapy
1209	Optometry
1210	Osteopathic medicine, D.O. degree
1211	Pharmacy
1212	Physical therapy
1213	Dental hygiene (baccalaureate and higher programs)
1214	Public health
1216	Podiatry (Pod. D. or D.P.) or podiatric medicine (D.P.M.)
1218	Veterinary medicine (D.V.M. degree)
1219	Veterinary medicine specialties (work beyond first-professional degree, DVM)
1220	Speech pathology and audiology
1221	Chiropractic
1222	Clinical social work (medical and psychiatric and specialized rehabilitation services)
1223	Medical laboratory technologies (baccalaureate and higher programs)
1224	Dental technologies (baccalaureate and higher programs)
1225	Radiologic technologies (baccalaureate and higher programs)
0401	Biology, general
0499	Other, specify
1201	Health professions, general
1299	Other, specify
2002	Experimental psychology
2003	Clinical psychology
2010	Physiological psychology
2005	Social psychology
2004	Psychology for counseling
2008	Industrial psychology
2001	Psychology, general
2099	Other, specify
2202	Anthropology
2204	Economics
2205	History
1505	Linguistics
2207	Political science and government
2208	Sociology
2201	Social sciences, general
2299	Other, specify
4902	Biological and physical sciences (interdisciplinary)
4904	Engineering and other disciplines (interdisciplinary)
4999	Interdisciplinary, other

\* Accurate translation will require examination of the program to determine primary emphasis.

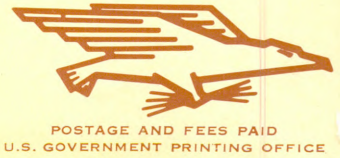


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