

APPENDIX B

Summary List of USIS, CCSIS and Harmonization Codes

This appendix presents a summary list of the field-of-study codes that are a part of the University Student Information System (USIS) and Community College Student Information System (CCSIS), developed by the Centre for Education Statistics at Statistics Canada.

The codes are hierarchically constructed:

- the first digit indicates a major group;
- the second and third digits indicate a broad field of study within the major group.
- the fourth and fifth digits indicate a more specific field of study within the broad field.

UNIVERSITY STUDENT INFORMATION SYSTEM (USIS)

00000	General Arts and Sciences
00001	Interdisciplinary Studies
00002	General Arts
00008	General Science
10000	Education, Physical Education, Sports, Recreation and Leisure
11800	Elementary/Secondary Teacher Training
12300	Higher Education, Postsecondary Teacher Training
13600	Kindergarten, Pre-school Teacher Training
	NON-TEACHING FIELDS
13801	School Librarianship
13802	Education Administration
13803	Education Psychology
13805	Guidance and Counselling
13806	Curriculum Specialization
13807	Measurements and Evaluation
13808	Education Foundations
13899	Other Non-teaching Fields
13900	Physical Education
14000	Kinesiology, Human Kinetics and Kinanthropology
14100	Recreation
20000	Fine and Applied Arts
20300	Fine Arts
20500	Music
20800	Other Performing Arts
	APPLIED ARTS
21401	Industrial Design
21499	Other Applied Arts
30000	Humanities and Related
30300	Classics, Classical and Dead Languages
30500	English Language and/or Literature
30600	French Language and/or Literature
30900	History
31000	Journalism

LANGUAGES AND/OR LITERATURES, OTHER

31101	Comparative Literature
31102	Medieval Languages
31103	Asian Languages and Literatures
31104	Slavic Languages and Literatures
31199	Other Language and Literatures

31200	Library Science
31300	Other Records Science
31400	Linguistics
31700	Other Mass Communication Studies
32100	Philosophy
32400	Religious Studies
32500	Theological Studies (professional program - preparation for the ministry)
32700	Translation and Interpretation

40000 Social Sciences and Related

40300	Anthropology
40600	Archaeology
40800	Canadian Studies

AREA STUDIES, OTHER

40910	Medieval Studies
40920	Asian Studies
40940	Slavic Studies
40999	Other Area Studies

41200	Commerce, Management, Business Administration, Administrative Studies/Sciences
41300	Criminology

SPECIALIZED ADMINISTRATION STUDIES

41401	Public Administration
41402	Health Administration
41403	Hotel and Food Administration
41499	Other Specialized Administration Studies

41500	Demography
42700	Economics
43000	Geography
43300	Law and Jurisprudence

MAN/ENVIRONMENT STUDIES

44008	Regional, Rural, Urban, City Planning and Community Development
44010	Resource Management, Environmental Studies

44300	Political Science
44600	Psychology
44700	Secretarial Studies
44900	Social Work and Social Welfare
45200	Sociology
45500	Military Studies
45700	Other Social Services

50000 Agriculture and Biological Sciences (excluding health professions)

AGRICULTURE

- 50310 Animal Science
- 50322 Plant Science
- 50326 Soil Science
- 50399 Other Agriculture

50600 Biochemistry

BIOLOGY

- 50910 Genetics
- 50912 Microbiology
- 50999 Other Biology

51200 Biophysics

51500 Botany

51600 Fisheries and Wildlife Management

HOUSEHOLD SCIENCE AND RELATED

- 51808 Food Science and Nutrition
- 51899 Other Household Science and Related

52100 Veterinary Medicine (professional program)

52200 Veterinary Sciences

52300 Veterinary Medicine Specialties

52400 Zoology

52500 Toxicology

60000 Engineering and Applied Sciences

60300 Architecture

60500 Aeronautical and Aerospace Engineering

60600 Chemical Engineering

60700 Civil Engineering

60800 Design, Systems Engineering

60900 Electrical Engineering

61000 Industrial Engineering

61100 Mining Engineering

61200 Mechanical Engineering

61300 Metallurgical Engineering

61400 Other Engineering

61500 Engineering Science

61600 Engineering General

62000 Forestry

62200 Landscape Architecture

70000 Health Professions and Occupations

- 70300 Dentistry (professional program)
- 70400 Dental Specialties
- 70500 Medicine (professional program)

BASIC MEDICAL SCIENCES

- 70604 Anatomy
- 70606 Biochemistry
- 70608 Biophysics
- 70610 Embryology
- 70612 Endocrinology
- 70614 Genetics
- 70616 Histology
- 70622 Neurophysiology
- 70626 Pharmacology
- 70628 Physiology
- 70699 Other Basic Sciences

70800 Medical Specialties

PARACLINICAL SCIENCES

- 71006 Immunology
- 71010 Microbiology
- 71014 Pathology
- 71099 Other Paraclinical Sciences

- 71200 Surgical Specialties
- 71500 Nursing
- 71800 Optometry
- 72100 Pharmacy
- 72400 Epidemiology and Public Health

REHABILITATION MEDICINE

- 72702 Aural and Oral Rehabilitation
- 72704 Occupational Therapy
- 72706 Physical Therapy
- 72799 Other Rehabilitation

- 73600 Medical Technology
- 79900 Other Health Professions and Occupations

80000 Mathematics and Physical Sciences

80600 Computer Science

81200 Mathematics

81500 Chemistry

81800 Geology and Related

82100 Metallurgy, Materials Science

METEOROLOGY

82404 Climatology

82499 Other Meteorology

82700 Oceanography and Water Studies

PHYSICS

83001 Astronomy

83002 Aerospace Sciences

83099 Other Physics

99996 Valid skip

99999 Not stated

COMMUNITY COLLEGE STUDENT INFORMATION SYSTEM (CCSIS)

n.e.c = not elsewhere classified

10000 Arts and Sciences

20000 Arts

20100 Fine and Applied Arts

21000 Fine Arts

21100 Performing Arts

21110 Dance

21120 Music

21130 Drama

21140 Performing Arts - Other

21200 Sculpture and Painting

21300 Handicrafts

21400 Other Fine Arts

22000 Commercial and Promotional Arts

22100 Advertising

22200 Modelling

22300 Commercial Arts

22400 Other Commercial and Promotional Arts

23000 Graphics and Audio-Visual Arts

23100 Photography

23200 Recorded Music Production

23400 Printing and Publishing

23500 Other Graphic and Audio-visual Arts

24000 Creative and Design Arts

24100 Jewellery Design

24400 Fashion Arts

24500 Interior Decorating

24600 Other Creative and Design Arts

25000 Personal Arts

25100 Barbering/Hairdressing

25200 Other Personal Arts

26000 Mass Communications

26100 Cinematography/Film Production/Animation

26200 Radio and T.V. Broadcasting

26300 Other Mass Communications Studies

29000 Other Applied Arts

29200 Repair and Renovation

29210 Furniture/Upholstery

29220 Jewellery Repair

29230 Musical Instruments

29240 Clock and Timepieces

29250 Other Repair and Renovation

29300 Other Applied Arts n.e.c.

30000 Humanities and Related

31000 Journalism

32000 Library Science

32100 Library/Documentation Sciences

32200 Archival Sciences

33000 Religion/Theology

34000 Languages

34100 English - Literature, Grammar, Composition

34200 English as a Second Language

34300 French - Literature, Grammar, Composition

34400 French as a Second Language

34500 Other Language Studies

35000 History

36000 Philosophy

37000 Other Humanities n.e.c.

40000 Health Sciences and Related

41000 Nursing

41100 Diploma Nursing

41200 Nursing Aide/Orderly

41300 Nursing Refresher

41400 Psychiatric or Mental Health Nursing

41500 Public Health Nursing

41600 Dental Nursing

41700 Other Specialized Nursing

42000 Diagnostic and Treatment Medical Technologies

42100 Emergency Para-medical Technologies

42200 Chiropractic Technologies

42300 Medical Laboratory Technologies

42400 X-Ray/Radiation/Radiotherapy/Nuclear Medicine Technologies

42500 Combined Laboratory and X-Ray Technology

42600 Physiotherapy

42700 Dental Hygiene/Assistant Technologies

42800 Pharmacy Technologies

42900 Other Diagnostic and Treatment Medical Technologies

43000 Medical Equipment and Prosthetics

43100 Dental Appliances

43200 Optical Prosthetics/Lenses

43300 Orthopaedic Prosthetics

43400 Auditory Prosthetics

43500 Other Medical Equipment Technologies

44000 Other Health Related Technologies

44100 Dietetics/Dietary Technologies

- 44200 Mental Health Technologies
- 44300 Speech Therapy
- 44400 Health-care Support Technologies
- 44500 Biological Sciences/Technologies
- 44600 Public/Environment Health
- 44700 Health Education
- 44800 Other Health-care Technologies

50000 Engineering and Applied Sciences

- 51000 Chemical Technologies
 - 51100 Chemical Engineering Technologies
 - 51200 Biochemical Technologies
 - 51300 Metallurgical Chemical Technologies
 - 51400 Industrial Chemical Technologies
 - 51410 Textiles
 - 51420 Plastics and Fibreglass
 - 51430 Chemical Processing
 - 51440 Other Industrial Chemical Technologies
 - 51500 Photographic Chemical Technology
 - 51600 Chemistry
 - 51700 Other, Chemical Technologies n.e.c.

- 52000 Electrical/Electronic Engineering Technologies
 - 52100 Electrical/Electronic Engineering Technologies
 - 52110 Electrical
 - 52120 Electronics
 - 52130 Other Electrical/Electronic Technologies n.e.c.
 - 52200 Avionics Technologies
 - 52300 Marine Electronics Technologies
 - 52400 Electro-Mechanical Technologies
 - 52410 Electric Motors
 - 52420 Microwave
 - 52500 Telecommunications Technologies
 - 52510 Radio and T.V. (Broadcasting Electronics)
 - 52520 Telephone, Telegraph, Telex
 - 52530 Radar
 - 52540 Other Telecommunications Electronics

53000 Mathematics and Computer Science

- 53100 Mathematics
- 53200 Computer Science
 - 53210 Computer Programming
 - 53220 Computer Science - Systems Design and Analysis
 - 53230 Computer Technology
 - 53240 Data Processing

- 54000 Transportation Technologies
 - 54100 Air Transportation
 - 54110 Aviation and Flight Technologies
 - 54120 Air Transport Ground Support
 - 54130 Flight Attendants
 - 54140 Air Transport - Other
 - 54200 Motor Transportation
 - 54210 Public Transportation
 - 54220 Commercial Vehicle Transportation
 - 54230 Driver Training/Education
 - 54300 Rail Transportation
 - 54310 Rail Transportation Operation/Maintenance - Other
 - 54320 Rail Transportation - Passenger
 - 54400 Marine Transportation
 - 54410 Nautical Science/Navigation Technologies
 - 54420 Seamanship
 - 54500 Other Transportation Technologies n.e.c.
- 55000 Engineering Technologies
 - 55100 Engineering - General
 - 55110 Civil Technologies
 - 55111 Road Construction
 - 55112 Piping Technologies
 - 55113 Bridge Construction
 - 55120 Surveying
 - 55130 Drafting
 - 55131 Engineering Design or Drafting
 - 55132 Cartography
 - 55133 Mechanical Drafting
 - 55140 Instrumentation
 - 55150 Repair and Services
 - 55160 Meteorology
 - 55170 Physics
 - 55180 Other Engineering Technologies n.e.c.
- 55200 Engineering - Mechanical
 - 55210 Agricultural Equipment Mechanics
 - 55220 Aircraft Engines
 - 55230 Auto Technology
 - 55231 Auto Mechanics
 - 55232 Auto Body Repair
 - 55240 Marine Mechanics
 - 55250 Heavy Equipment Mechanics
 - 55260 Small Engine Mechanics
 - 55270 Other Mechanical Engineering Technologies
 - 55280 Hydraulics
- 55300 Engineering - Architectural and Construction
 - 55310 Architectural Design/Drafting Technology
 - 55320 Construction or Building Technology
 - 55321 Masonry - Brick, Stone, Concrete
 - 55322 Dry Wall, Plastering, Lathing
 - 55323 Heat, Insulation
 - 55324 Plumbing
 - 55325 Construction Electrician

- 55326 Interior Finishing
- 55327 Woodworking and Carpentry
- 55328 Metal Working
- 55329 Other Construction or Building Technologies
- 55330 Historical Structures Renovation
- 55340 Naval Architecture/Construction Technologies
- 55350 Welding Technologies
- 55360 Other Architectural and Construction Technologies

55400 Engineering - Aeronautical

- 55410 Aeronautical Engineering Technologies
- 55420 Aerospace Engineering Technologies

55500 Engineering - Industrial

- 55510 Industrial Design/Operations Technologies
- 55520 Manufacturing Technologies
 - 55521 Automobile/Mechanical and Related
 - 55522 Electrical/Electronic Equipment and Related Electronic Equipment
 - 55523 Metal
 - 55524 Wood and Paper Products
 - 55525 Aircraft
 - 55526 Clothing/Other Fabric Products
 - 55527 Rubber, Glass, and Plastics
 - 55528 Chemicals
 - 55529 Other Manufacturing
- 55530 Quality Control
- 55540 Materials Science or Management
- 55550 Machinist
- 55560 Other Industrial Engineering Technologies

60000 Natural Sciences and Primary Industries

61000 Natural Sciences

- 61100 Agriculture
- 61200 Agricultural Technology/Science/Engineering
- 61300 Agricultural Business
- 61400 Biology
- 61500 Plant Sciences
 - 61510 Botany
 - 61520 Crops and Horticulture
 - 61530 Landscaping
 - 61540 Soils, Pesticides, Fertilizer
 - 61550 Irrigation/Water Management
 - 61560 Other Plant Sciences
- 61600 Animal Sciences
 - 61610 Zoology
 - 61620 Veterinary/Technologies/Animal Health
 - 61630 Cattle Technologies (Beef and Dairy)
 - 61640 Poultry and Eggs Technologies
 - 61650 Swine Technologies
 - 61660 Equine Studies/Horse Husbandry
 - 61670 Other Animal Sciences
- 61700 Other Agricultural Technologies n.e.c.

63000 Primary Industries (excluding Agriculture)

- 63100 Forestry Technologies
- 63200 Mining Technologies
 - 63210 Geology and Prospecting
 - 63220 Drilling and Extractive Technologies
- 63300 Fishing Technologies
 - 63310 Fish Farming
 - 63320 Fishing
- 63400 Hunting and Trapping
- 63500 Petroleum Resources Technology
- 63600 Other Primary Industrial n.e.c.

- 65000 Resource Processing Technologies
 - 65100 Forest Products Processing
 - 65110 Pulp and Paper Technology
 - 65120 Wood Products Processing
 - 65200 Metal Processing
 - 65210 Iron and Steel
 - 65220 Processing of Other Metals
 - 65300 Petroleum Refining Technologies
 - 65400 Food Processing Technologies
 - 65410 Marine Products Processing
 - 65420 Meat Processing
 - 65430 Poultry and Egg Processing
 - 65440 Dairy Products Processing
 - 65450 Fruit and Vegetable Processing
 - 65460 Other Food Processing
 - 65500 Other Resource Processing

- 67000 Environmental and Conservation Technologies
 - 67100 Environmental Control/Protection Technologies
 - 67200 Land Resources Technology
 - 67300 Wildlife and Forest Conservation Technologies
 - 67400 Water Science Technologies
 - 67500 Air Purification Technologies
 - 67600 Other Environmental and Conservation Technologies n.e.c.

70000 Social Sciences and Services

- 71000 Protection and Correction Services
 - 71100 Correctional Technologies
 - 71200 Para-legal Technology/Legal Studies
 - 71300 Police Technologies/Criminology
 - 71400 Protection Technologies
 - 71410 Fire
 - 71420 Security
 - 71430 Safety
 - 71500 Other Protection and Correction Technologies

72000 Social Services

- 72100 Child Care Services
- 72200 Youth Services
- 72300 Gerontology
- 72400 Care of the Disabled
- 72600 Social Services/Welfare Technologies
- 72700 Domestic Science and Related
- 72800 Community Planning/Urban Design
- 72900 Other Social Services

73000 Recreation and Sport

- 73100 Recreation Leadership/Leisure Services
- 73200 Physical Education Instruction
- 73300 Travel and Tourism
 - 73310 Guiding
 - 73320 Travel Counsellor/Agent
 - 73330 Ticket Agents
 - 73340 Parks/Forest/Wildlife Recreation
- 73400 Other Recreation and Sport Technologies

74000 Education and Counselling Services

- 74100 Counselling Services Technologies
 - 74110 Counsellor - Addiction
 - 74120 Counsellor - Handicapped
 - 74130 Counsellor - Marriage/Family
 - 74140 Counsellor - Financial
 - 74150 Counsellor - Labour
 - 74160 Counsellor - Education/Career/Vocational
 - 74170 Other Counselling Services
- 74200 Educational Services
 - 74210 Education Early Childhood
 - 74220 Education - Handicapped
 - 74230 Teachers Aide/Educational Support
 - 74240 Industrial Arts Education
 - 74250 Adult Education
 - 74260 Teacher Training
 - 74270 Supervisory Training for On-the-job Instruction
- 74300 Other Educational and Counselling Services

75000 Personal Development

- 75100 Orientation Courses
- 75200 Communications Skills Development
- 75300 Life Skills
- 75400 Occupational Skills Development
- 75500 Other Personal Development Courses

76000 Social Sciences

- 76100 Anthropology
- 76200 Archaeology
- 76300 Economics
- 76400 Geography
- 76500 Political Science
- 76600 Psychology
- 76700 Sociology
- 76900 Other Social Services

80000 Business and Commerce

81000 Secretarial Science

- 81100 Secretary - General
- 81200 Secretary - Legal
 - 81210 Legal Secretary/Law Clerk
 - 81220 Court Reporting
- 81300 Secretary - Medical
 - 81310 Health Records Technology
 - 81320 Medical Secretary
- 81400 Business Machine Operations
 - 81410 Word Processing
 - 81420 Other Business Machine Operation
- 81500 Secretary - Accounting, Bookkeeping
- 81600 Switchboard Operator/Receptionist
- 81700 Bank Teller
- 81800 Other Secretarial/Clerical

82000 Management and Administration

- 82100 Management and Administration - Business and Commerce
- 82200 Financial Management
 - 82210 Accounting
 - 82220 Investment Management
 - 82230 Assessment/Appraisal
 - 82240 Property Management
 - 82250 Banking
 - 82260 Other Financial Management
- 82300 Industrial Management
- 82400 Institution Management
 - 82410 Health-care Facilities Management
 - 82420 Hotel/Restaurant/Resort Management
 - 82430 Other Institutional Management
- 82500 Public Administration
- 82600 Personnel Administration
- 82700 Manufacturing Management/Administration
- 82800 Transportation Management
- 82900 Other Management and Administration n.e.c.

83000 Merchandising and Sales

- 83100 Marketing
- 83200 Insurance/Securities Sales
- 83300 Real Estate
- 83400 Retail Sales
- 83500 Other Merchandising and Sales

84000	Service Industry Technologies
84100	Food Services
84110	Food Preparation
84111	Baking
84112	Cooking
84113	Food Preparation - Other
84120	Food Serving
84200	Home Economics
84300	Laundry and Dry Cleaning
84400	Hospitality and Tourism Services
84500	Building Custodian
84900	Other Service Industries

90000	Other
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91000	Other n.e.c.
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92000	Not Reported
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99996	Valid skip
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99999	Not stated
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HARMONIZATION CODES

Harmonization code for minor groups harmonizes university student field of study codes (USIS) and community college and trade-vocational field of study codes (CCSIS) to Census field of study codes. Census field of study codes are applicable for all graduates. These codes facilitate comparison of National Graduates Survey (NGS) findings with those of other Statistics Canada surveys and the Census of Population.

001 Teaching	047 Household science and related fields
002 Educational support	048 Veterinary medicine/science
003 Physical education and recreation	049 Zoology
004 Travel and tourism	050 Other natural resource technologies
005 Counselling services	051 Food processing technologies
006 Personal development	052 Architecture
007 Education - other	053 Aeronautical and aerospace engineering
008 Fine arts	054 Chemical engineering
009 Music	055 Civil engineering
010 Performing arts	056 Design/systems engineering
011 Commercial and promotional arts	057 Electronic and electrical engineering
012 Graphic arts, audiovisual arts and design	058 Industrial engineering
013 Other applied arts	059 Mechanical engineering
014 Classics, classical and dead languages	060 Mining and metallurgical engineering
015 History	061 Engineering - other
016 Library and records science	062 Engineering Science
017 Mass media studies	063 Forestry, fisheries and wildlife management
018 English language and literature	064 Landscape architecture
019 French language and literature	065 Architectural technology
020 Other languages and literature	066 Chemical technology
021 Philosophy	067 Building technologies
022 Religious studies	068 Data processing and computer science technologies
023 Other humanities	069 Electronic and electrical technologies
024 Second language training	070 Environmental and conservation technologies
025 Anthropology	071 General and civil engineering technologies
026 Archeology	072 Industrial engineering technologies
027 Area studies (non-languages or literatures)	073 Mechanical engineering technologies
028 Economics	074 Primary industries/resource processing technologies
029 Geography	075 Transportation technologies
030 Law and jurisprudence	076 Dentistry
031 Man/ environment studies	077 Medicine - general
032 Political science	078 Medicine - basic medical science
033 Psychology	079 Medical specialities (non-surgical)
034 Sociology	080 Paraclinical sciences
035 Social work and social services	081 Surgery and surgical specialities
036 Other social sciences	082 Nursing
037 Specialized administration studies	083 Nursing assistance
038 Commerce/ business/ management	084 Optometry
039 Secretarial science - general fields	085 Pharmacy and pharmaceutical sciences
040 Agricultural science	086 Public health
041 Agricultural technology	087 Rehabilitation medicine and therapy
042 Animal science technologies	088 Medical laboratory and treatment technologies
043 Biochemistry	089 Medical equipment and prosthetics
044 Biology	090 Other health professions, sciences and
045 Biophysics	
046 Botany	

technologies

091	Computer science
092	Chemistry
093	Geology
094	Mathematics, actuarial science and applied mathematics
095	Metallurgy and materials science
096	Meteorology
097	Oceanography
098	Physics
099	Arts and sciences, N.E.C.
100	Arts, N.E.C.
101	Sciences, N.E.C.
102	Unknown

996	valid skip
999	not stated

Harmonization code major groups.

01	001-007 Educational, recreational and counselling services
02	008-013 Fine and applied arts
03	014-024 Humanities and related fields
04	025-036 Social sciences and related fields
05	037-039 Commerce, management and business administration
06	040-051 Agricultural and biological sciences/ technologies
07	052-064 Engineering and applied sciences
08	065-075 Engineering and applied sciences technologies and trades
09	076-090 Health professions, sciences and technologies
10	091-098 Mathematics and physical science
11	099-102 Interdisciplinary/no specialization/ unknown

96	valid skip
99	not stated