



INTERNATIONAL STANDARD CLASSIFICATION OF EDUCATION

Fields of education and training 2013 (ISCED-F 2013) –
Detailed field descriptions

UNESCO

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Introduction

The International Standard Classification of Education (ISCED) is a framework for assembling, compiling and analysing cross-nationally comparable statistics on education. ISCED is a member of the United Nations International Family of Economic and Social

Classifications and is the reference classification for organizing education programmes and related qualifications by levels and fields of education. First developed in the mid-1970s by the United Nations Educational, Scientific and Cultural Organization (UNESCO), ISCED has been revised several times, including in both 2011 and 2013.

The revision in 2011, concentrated primarily on changes to the levels of education of programmes (ISCED-P) and introduced, for the first time, a classification of levels of educational attainment based on qualifications (ISCED-A). The 2013 revision focused on the fields of education and training (ISCED-F). The ISCED revisions are the product of international agreement and are adopted formally by the General Conference of UNESCO Member States.

The current document describes the subject content of each of the detailed fields of the 2013 revision of the ISCED Fields of Education and Training classification (ISCED-F 2013). Where possible each description gives examples both of subjects which belong to each field and some boundary cases which are included in other fields. Such exclusions help to better distinguish one field from another especially where the content of two fields appears to be similar.

At the end of the document there are alphabetical and numerical listings of subjects and fields. These lists include more examples of subjects than are mentioned in the field descriptions themselves.

A summary of all possible field codes and their place in the classification hierarchy is also included.

00 Generic programmes and qualifications

Generic programmes and qualifications are those providing fundamental and personal skills education which cover a broad range of subjects and do not emphasise or specialise in a particular broad or narrow field.

This broad field should not be used as a residual category. Programmes and qualifications with a **specific subject emphasis** should be classified in broad fields 01 to 10. In particular, education at the tertiary level should only by way of exception be classified here.

001 Basic programmes and qualifications

0011 Basic programmes and qualifications

Basic programmes and qualifications are designed to provide participants with fundamental skills in reading, writing and arithmetic along with an elementary understanding of other subjects such as history, geography, natural science, social science, art and music, and in some cases religious instruction. These programmes and qualifications are normally offered at primary and lower secondary levels. Broad, non-specialised programmes at upper secondary level are also classified here even if there is **some** concentration on, for example, humanities, social science, natural science etc. Vocational programmes and qualifications are included here only by way of exception.

Programmes and qualifications with the following main subject content are classified here:

- Basic programmes and qualifications

- Broad, generic (non-specialised) programmes and qualifications

- General programmes and qualifications with no specific subject emphasis

- Programmes and qualifications at primary level

Inclusions

Basic programmes and qualifications at upper secondary level (in some countries at lower secondary level) with some emphasis on e.g. humanities, social sciences or natural sciences but still covering other fields of knowledge are included in this detailed field. In some countries such programmes or qualifications are offered on a modular basis and should also be classified here.

Exclusions

Programmes that are considered as general in the programme orientation sense (non-vocational) but have a **clear** emphasis on a detailed, narrow or broad field are excluded from this detailed field and included in one of the broad fields 01-10, depending on the subject covered.

002 Literacy and numeracy

0021 Literacy and numeracy

Literacy and numeracy are programmes or qualifications arranged mainly for **adults**, designed to teach fundamental skills in reading, writing and arithmetic. The typical age range of participants can be used to distinguish between detailed field 0011 'Basic programmes and qualifications' and this detailed field.

Programmes and qualifications with the following main content are classified here:

- Basic remedial programmes for youth or adults
- Literacy
- Numeracy

003 Personal skills

0031 Personal skills

Personal skills are defined by reference to the effects on the individual's capacity (mental, social etc.). This detailed field covers personal skills programmes not included in 0011 'Basic programmes and qualifications' or 0021 'Literacy and numeracy', giving key competencies and transferable skills.

Programmes and qualifications with the following main content are classified here:

- Argumentation and presentation
- Assertiveness training
- Communication skills
- Co-operation
- Development of behavioural capacities
- Development of mental skills
- Job-seeking programmes
- Parenting courses
- Public speaking
- Self-esteem skills
- Social competence
- Time management

Inclusions

Education and training in *leadership* in the context of *personal development* is included here.

Education and training related to the *work place* or to *work assignments* is included in this detailed field if it has more to do with personal development than work development. Personal skills courses can be taught at the workplace, but still be classified here based on their content.

Programmes for people with special needs on how to *cope with their daily life* are included here

Exclusions

Study of leadership in the context of management is excluded from this group and included in detailed field 0413 'Management and administration'.

01 Education

011 Education

0111 Education science

Education science is the study of the learning process and the theories, methods and techniques of imparting knowledge to others.

Programmes and qualifications with the following main content are classified here:

- Curriculum studies
- Didactics
- Educational assessment, testing and measurement
- Educational evaluation and research
- Paedagogical sciences

Exclusions

Teacher training programmes which combine education science with the practice of teaching are excluded from this detailed field and included in one of the detailed fields for teacher training (0112-0114).

0112 Training for pre-school teachers

Training for pre-school teachers is the study of the theories, methods and practice of teaching very young children up to 7 years of age within formal school settings at pre-primary or early childhood educational development levels.

Programmes and qualifications with the following main content are classified here:

- Early childhood teaching (within formal school settings)
- Pre-primary teacher training

Exclusions

Training in caring for children outside formal school settings is excluded from this detailed field and included in detailed field 0922 "Child care and youth services"

0113 Teacher training without subject specialisation

Training for teachers without subject specialisation is the study of the theories, methods and practice of providing children between approximately 5 and 15 years of age with the fundamental skills in reading, writing and mathematics along with an elementary understanding of other subjects such as history, geography, social science etc. and laying the foundation for lifelong learning. Subject specialisation is stressed less than in detailed field 0114 'Teacher training with subject specialisation'. The study of teaching children with special needs is included in this detailed field, likewise the study of teaching adults fundamental reading and writing skills and teaching immigrants these types of skills in their home or first language.

Programmes and qualifications with the following main content are classified here:

- Class teacher training
- Indigenous teacher training
- Primary teaching
- Teacher training for children with special needs

Inclusions

The study of teaching adults basic literacy and numeracy skills is included here. Teacher's aide (teaching assistant) is also included here.

Exclusions

Teacher training with subject specialisation even if intended for the teaching of children in primary or lower secondary education is excluded from this detailed field and included in detailed field 0114 'Teacher training with subject specialisation'.

0114 Teacher training with subject specialisation

Teacher training with subject specialisation is the study of the theories, methods and practice of teaching a specific subject, mostly at secondary or higher levels of education. Programmes and qualifications included in this detailed field often comprise both studies as well as the subject/subjects that are going to be taught.

Programmes and qualifications with the following main content are classified here:

- Teacher training – arts and crafts
- Teacher training – commercial subjects
- Teacher training – music
- Teacher training – nursing
- Teacher training – physical training
- Teacher training – second languages
- Teacher training – specific theoretical subjects, e.g. English, mathematics, history
- Teacher training – technical subjects
- Teacher training – vocational subjects
- Training of driving instructors
- Training of trainers

Inclusions

Teacher training courses for university teachers, instructors of work place and working life skills and in practical and artistic subjects are included here.

Exclusions

Training of sports trainers is excluded from this detailed field and included in detailed field 1014 'Sports'.

018 Inter-disciplinary programmes and qualifications involving education

0188 Inter-disciplinary programmes and qualifications involving education

Inter-disciplinary programmes and qualifications to which the greatest intended learning time is devoted to education are classified here.

02 Arts and Humanities

021 Arts

0211 Audio-visual techniques and media production

Audio-visual techniques and media production is the study of techniques and skills to produce books or newspapers, radio or TV production, film or video production, recorded music production and graphic reproduction. It includes programmes and qualifications in methods of colour reproduction, photography and computer graphics. Study of combining pictures, words and decorations in the production of books, magazines, posters, adverts etc. is also included.

Programmes and qualifications with the following main content are classified here:

- Animation
- Bookbinding
- Camera operating
- Compositing (printing)
- Computer game production
- Computer type-setting
- Film and video production
- Graphic design
- Graphic reproduction
- Illustration
- Interactive media design
- Media techniques
- Multimedia production
- Photography
- Pre-press operations
- Print finishing and binding
- Printing
- Publishing design, lay-out
- Radio and TV production
- Recorded music production
- Sound techniques
- Type-setting

Inclusions

Desktop publishing and lay-out are included here.

Exclusions

Programmes and qualifications in the use of specific software applications for desktop publishing and website development are excluded from this detailed field and included in detailed field 0611 'Computer use'.

Study of journalism (wording and content of messages) is excluded from this detailed field and included in detailed field 0321 'Journalism and reporting'.

0212 Fashion, interior and industrial design

Fashion, interior and industrial design is the study of creatively combining line, form and fabric in designing and constructing e.g. fashion garments, industrial products and interiors.

Programmes and qualifications with the following main content are classified here:

- Costume design
- Design of industrial products
- Fashion design
- Interior architecture
- Interior design
- Stage designing
- Window dressing

Exclusions

Study of Building design is excluded from this detailed field and included in detailed field 0731 'Architecture and town planning'.

Study of Industrial design is excluded from this detailed field if emphasis is given to technical subjects and not to artistic design, and included in the appropriate detailed field under 071 'Engineering and engineering trades'.

Publishing design and graphic design are excluded from this detailed field and included in detailed field 0211 'Audio-visual techniques and media production'.

0213 Fine arts

Fine arts is the study of visual forms of creative expression, dealing with theory, history, techniques, performance and production in fine arts.

Programmes and qualifications with the following main content are classified here:

- Art theory
- Calligraphy
- Etching
- Fine art printmaking
- History of art
- Painting
- Philosophy of art
- Sculpture

Exclusions

Training in ceramics, pottery etc is excluded from this detailed field and included in detailed field 0214 'Handicrafts'.

Study of architecture is excluded from this detailed field and included in detailed field 0731 'Architecture and town planning'.

Teacher training in arts is excluded from this detailed field and included in detailed field 0114 'Teacher training with subject specialisation'.

0214 Handicrafts

Handicrafts is the study of techniques and skills in a chosen craft, such as jewellery, pottery, weaving, woodcarving etc.

Programmes and qualifications with the following main content are classified here:

- Ceramics
- Crafts, folk arts and artisan
- Decorative metal crafts
- Indigenous crafts
- Embroidery
- Floristry (flower arranging)
- Glass arts and craft
- Goldsmithing
- Jewellery
- Making of musical instruments (not industrial)
- Musical instruments (repairing and tuning)
- Silversmithing
- Stone carving (craft)
- Weaving (craft)
- Woodcarving

Exclusions

Study of industrial (large scaled mechanised) production of pottery, woven materials, embroidery etc. is excluded from this field and included in one of the detailed fields under broad field 07 'Engineering, manufacturing and construction'.

0215 Music and performing arts

Music and performing arts is the study of the principles and techniques associated with performance involving music, speech, movement, mime, characterisation, improvisation and stage craft.

Programmes and qualifications with the following main content are classified here:

- Acting and directing
- Ballet
- Choreography
- Circus
- Composition (music)
- Conducting (music)
- Creative and performance art
- Dance
- Drama
- History of film and theatre
- History of music
- Music
- Music conducting
- Musicology
- Theatre/Theatre sciences

Inclusions

Study of music and performing arts history and theory is included here.

Exclusions

Teacher training in music and other performing arts is excluded from this detailed field and included in detailed field 0114 'Teacher training with subject specialisation'.

022 Humanities (except languages)

0221 Religion and theology

Religion and theology is the study of religious beliefs, concepts, symbols, expressions and texts of spirituality.

Programmes and qualifications with the following main content are classified here:

- Religious history
- Study of sacred books
- Study of different religions
- Theology

Inclusions

Included in this detailed field are programmes for children and young people, usually given in religious schools or seminars, in monasteries etc., aiming to develop an interest in the tenets of their religion and sufficient familiarity with its philosophy to assist in the propagation of their faith.

Exclusions

Basic programmes given in religious schools, seminars etc. containing religious instruction but not emphasising it or leading to a religious vocation, are excluded from this detailed field and included in 0011 'Basic programmes and qualifications'. Islamic sharia programmes and qualifications are excluded from this detailed field and included in detailed field 0421 'Law'.

0222 History and archaeology

History is the study of past events, especially the political, social and economic development of a country, a continent or the world. History of medicine is classified here, likewise the study of history of science and ideas. **Archaeology** is the study of ancient civilisations by scientific analysis of what is found in the ground.

Programmes and qualifications with the following main content are classified here:

- Archaeology
- Cultural history
- Folklore studies
- History
- History of literature
- History of medicine
- History of science and ideas
- History of technology

Inclusions

Restoration and preservation of artistic heritage are included here.

Exclusions

Study of literature combined with study of a specific language is excluded from this detailed field and included in detailed field 0232 'Literature and linguistics'.

Study of classical languages (Latin etc.) is excluded from this detailed field and included in detailed field 0231 'Language acquisition'.

Study of History of art is excluded from this detailed field and included in detailed field 0213 'Fine arts'.

Study of Music and performing arts history is excluded from this detailed field and included in detailed field 0215 'Music and performing arts'.

Study of Economic history/history of economics is excluded from this detailed field and included in detailed field 0311 'Economics'.

0223 Philosophy and ethics

Philosophy and ethics is the study of philosophy, ethics and related subjects dealing with the conception of life.

Programmes and qualifications with the following main content are classified here:

- Ethics
- Logic
- Morals
- Philosophy

Exclusions

Study of religion is excluded from this detailed field and included in detailed field 0221 'Religion'.

Study of Philosophy of arts is excluded from this detailed field and is included in detailed field 0213 'Fine arts'

023 Languages

0231 Language acquisition

Language acquisition is the study of the structure and composition of languages taught as second or foreign languages (i.e. that are intended for non-native or non-fluent speakers of the language). It includes the study of related cultures, literature, linguistics and phonetics if related to the specific language being acquired and forms part of the same programme or qualification. Classical or dead languages are included here as it is assumed there are no native speakers of the language and hence the manner of teaching and the content of the curriculum are more similar to the teaching of foreign languages.

Programmes and qualifications with the following main content are classified here:

- Classical languages
- Exogenous languages
- Foreign languages
- Interpretation
- Phonetics
- Second languages, for example English as a second language
- Sign language
- Sign language interpreting
- Translation

Inclusions:

Language and linguistics studies are included here if the linguistics are related to a specific language or languages being acquired and forming part of the same programme or qualification. Translation and interpretation are included here.

Exclusions:

The study of the mother tongue or first language (i.e. that are intended for native, fluent or competent speakers of the language), even if this language is not a national language of the country of study (e.g. programmes for immigrants learning their mother tongue) are excluded from this detailed field and included in detailed field 0232 'Literature and linguistics'.

0232 Literature and linguistics

Literature and linguistics is here defined as the study of language(s) intended for native, fluent or competent speakers of the language. It includes the study of related literature and linguistics and may or may not include the structure and composition of the language.

Programmes and qualifications with the following main content are classified here:

- Creative writing
- First language
- Indigenous languages
- Linguistics
- Literature
- "Mother tongue" languages
- Native first languages

Inclusions

Languages **taught as the first language ("mother tongue")**, even if the language is not the national language of the country of study (e.g. programmes for immigrants in their home or first language) are included here. Local and regional languages are included here if they are first languages spoken by a significant minority in the country and are intended for at least competent speakers of the language.

Study of comparative literature is included here. Study of general linguistics (not related to the study of a particular language) is included here. Study of literature in general (not combined with study of a special language) is included here.

Exclusions

Language programmes are excluded from this detailed field if the language is taught as a foreign or a second language, and are then included in 0231 'Language acquisition'.

Programmes in literacy and numeracy are excluded from this detailed field and included in detailed field 0021 'Literacy and numeracy'.

Sign language programmes are excluded from this detailed field and included in detailed field 0231 'Language acquisition'.

028 Inter-disciplinary programmes and qualifications involving arts and humanities

0288 Inter-disciplinary programmes and qualifications involving arts and humanities

Inter-disciplinary programmes and qualifications to which the greatest intended learning time is devoted to arts and humanities are classified here.

03 Social Sciences, Journalism and Information

031 Social and behavioural sciences

0311 Economics

Economics is the study of economic policy, economic theory and economic decisionmaking.

Programmes and qualifications with the following main content are classified here:

- Econometrics
- Economic history
- Economics
- Political economics

Exclusions

Study of economics where emphasis is given to business studies is excluded from this detailed field and classified under 041 'Business and administration'. Study of home economics is excluded from this detailed field and included in the detailed field 1011 'Domestic services'.

0312 Political sciences and civics

Political sciences and civics is the study of government and political principles or practice. The study of the rights and duties of the citizens are included here.

Programmes and qualifications with the following main content are classified here:

- Civics
- Human rights
- International relations
- Peace and conflict studies
- Political history
- Political science
- Public policy studies

Exclusions

Study of political economics is excluded from this detailed field and included in the detailed field 0311 'Economics'.

0313 Psychology

Psychology is the study of the human mind and behaviour as a result of individual differences, experience and environment.

Programmes and qualifications with the following main content are classified here:

- Cognitive science
- Psychoanalysis
- Psychology
- Psychotherapy

0314 Sociology and cultural studies

Sociology and cultural studies is the study of human beings and the way they behave in groups and in relation to society. The study of ethnology and social anthropology are included here, likewise the study of human and social geography.

Programmes and qualifications with the following main content are classified here:

- Criminology
- Cultural geography
- Cultural studies
- Demography/population studies
- Ethnology
- Gender studies
- Social anthropology
- Sociology

Exclusions

Social welfare where emphasis is given to practical social work is excluded from this detailed field and included in detailed field 0923 'Social work and counselling'.

Physical geography is excluded from this detailed field and included in detailed field 0532 'Earth science'.

032 Journalism and information

0321 Journalism and reporting

Journalism and reporting is the study of the theory and practices of journalism/reporting as part of the field of mass communication. Journalism and reporting is about the wording and content of messages. It comprises news reporting, writing commentaries and feature stories of public interest etc.

Programmes and qualifications with the following main content are classified here:

- Broadcast journalism
- Editing
- Information (wording and content)
- Journalism
- Mass communication (wording and content)
- News reporting

Exclusions

Study of techniques for mass communication (e.g. printing and radio/TV production) is excluded from this detailed field and included in detailed field 0211 'Audio-visual techniques and media production'.

Study of lay-out and publishing design is excluded from this detailed field and included in detailed field 0211 'Audio-visual techniques and media production'.

Study of public relations is excluded from this detailed field and included in detailed field 0414 'Marketing and advertising'.

0322 Library, information and archival studies

Library, information and archival studies is the study of the methods of selecting, acquiring, organizing and storing collections of information, and facilitating the use of information. Museum and library studies are included here.

Programmes and qualifications with the following main content are classified here:

- Archival sciences
- Curatorial studies
- Documentation
- Information science
- Library studies
- Museum documentation
- Museum studies
- Museology

Exclusions

Restoration and preservation of artistic heritage are excluded from this field and included in field 0222 'History and archaeology'.

038 Inter-disciplinary programmes and qualifications involving social sciences, journalism and information

0388 Inter-disciplinary programmes and qualifications involving social sciences, journalism and information

Inter-disciplinary programmes and qualifications to which the greatest intended learning time is devoted to social sciences, journalism and information are classified here.

04 Business, Administration and Law

041 Business and administration

0411 Accounting and taxation

Accounting and taxation is the study of maintaining, auditing and recording financial transactions.

Programmes and qualifications with the following main content are classified here:

- Accounting
- Auditing
- Bookkeeping
- Tax accounting
- Tax management

Exclusions

Study of tax laws is excluded from this detailed field and included in detailed field 0421 'Law'.

0412 Finance, banking and insurance

Finance, banking and insurance is the study of planning, directing, organizing and controlling financial activities and services. It includes the control and monitoring of the financial resources of organizations, institutions and individuals, and the provision of financial services at the corporate and individual level.

Programmes and qualifications with the following main content are classified here:

- Bank teller studies
- Banking and finance
- Finance theory
- Insurance
- Investment analysis
- Investments and securities
- Pension insurance
- Social insurance
- Stock-broking

Exclusions

Study of actuarial science is excluded from this detailed field and included in detailed field 0542 'Statistics'.

0413 Management and administration

Management and administration is the study of planning, directing and operating the functions and activities of organizations and institutions. Programmes in management also including administration, economics, finance etc. are included here if emphasis is given to management and administration.

Programmes and qualifications with the following main content are classified here:

- Administration
- Educational management
- Employment management
- Entrepreneurship
- Health administration
- Logistic management
- Management science
- Office management
- Organizational theory and behaviour
- Personnel administration
- Personnel management
- 'Start your own business' courses
- Supply change management
- Training management

Inclusions:

Study of leadership in the context of management is included here.

Exclusions:

Training in leadership in the context of personal development is excluded from this detailed field and included in detailed field 0031 'Personal skills'.

Study of administration in the meaning of office work is excluded from this detailed field and included in detailed field 0415 'Secretarial and office work'.

0414 Marketing and advertising

Marketing and advertising is the study of promoting the exchange processes of goods and services between organizations and/or individuals, and the study of consumer behaviour and requirements. It includes the study of the role of product development, pricing, distribution, promotion and sales in order to maximise business performance.

Programmes and qualifications with the following main content are classified here:

- Advertising
- Consumer behaviour
- Market research
- Marketing
- Merchandising
- Public relations

0415 Secretarial and office work

Secretarial and office work is the study of administrative procedures and practices, office technology and clerical, shorthand and keyboard skills. Specialised secretarial programmes (bilingual, medical, law, accounting etc) are included if the programme has secretarial work as its objective, rather than work as specialised assistants.

Programmes and qualifications with the following main content are classified here:

- Administrative and secretarial services
- Clerical programmes
- Data entry
- Foreign language secretary programmes
- Keyboard skills
- Legal secretary programmes
- Medical secretary programmes
- Operation of office equipment
- Receptionist training
- Secretarial programmes
- Shorthand
- Switchboard operating
- Typing

Inclusions

Broad secretarial programmes comprising among other things computer courses are included here.

Exclusions

Separate programmes or qualifications in using a specific computer software are excluded from this detailed field and included under detailed field 0611 'Computer use'.

Office management is excluded from this detailed field and included in detailed field 0413 'Management and administration'.

Hotel receptionist programmes are excluded from this detailed field and included in detailed field 1013 'Hotel, restaurant and catering'.

0416 Wholesale and retail sales

Wholesale and retail sales is the study of buying and selling goods and services, including stock management, pricing practices, loss prevention, sales systems and procedures. It includes the study of the workings and current trends of the wholesale and retail industries. Selling of buildings and properties is also included.

Programmes and qualifications with the following main content are classified here:

- Auctioneering
- Consumer services
- Demonstration techniques
- Purchasing
- Real-estate business
- Retailing
- Stock-keeping
- Ware-housing
- Wholesaling

Inclusions

Study of buying and selling buildings and properties is included here.

0417 Work skills

Work skills is the study of the structure and function of working life. It comprises programmes, mainly given as staff training, related to the working place and to work assignments.

Programmes and qualifications with the following main content are classified here:

- Clients' needs
- Company knowledge
- Customer service training
- 'Introduction to work' courses
- Organization at work
- Quality assurance
- Trade union courses (general)
- Work development

Inclusions

Staff training related to the work place or work assignments is included here.

Exclusions

Training related to the work place or work assignments is excluded from this detailed field if it has more to do with personal development than work development and is included in detailed field 0031 'Personal skills'.

Staff training which can be classified to any other field is excluded from this detailed field and included in the appropriate field (e.g. quality courses should, if technical, be included in the detailed fields under 071 'Engineering and engineering trades'.)

Programmes in work environment should be included in detailed field 1022 'Occupational health and safety'.

Programmes, mostly at tertiary level, dealing with working life in general in terms of the labour market, the social partners, industrial psychology etc. are excluded from this detailed field and included in the detailed fields under 031 'Social and behaviour sciences'.

042 Law

0421 Law

Law is the study of the principles and procedures for formally maintaining social order, including training for legal professions such as advocate or training for the judicial bench.

Programmes and qualifications with the following main content are classified here:

- Commercial law
- Criminal justice studies
- History of law
- Indigenous law
- Jurisprudence
- Labour law
- Legal practice
- Notary/Notary's practise
- Paralegal studies

Exclusions

Court reporting programmes and legal secretary programmes are excluded from this detailed field and included in detailed field 0415 "Secretarial and office work".

Police studies are excluded from this detailed field and included in detailed field 1032 'Protection of persons and property'.

048 Inter-disciplinary programmes and qualifications involving business, administration and law

0488 Inter-disciplinary programmes and qualifications involving business, administration and law

Inter-disciplinary programmes and qualifications to which the greatest intended learning time is devoted to business, administration and law are classified here.

Inclusions

Study of business and administration where emphasis is not given towards any of the detailed fields under 041 is included in this field.

Exclusions

Business programmes where emphasis is given to any of the detailed fields under 041 'Business and administration' (management, administration, marketing etc.) should be classified according to the specialisation.

05 Natural Sciences, Mathematics and Statistics

051 Biological and related sciences

0511 Biology

Biology is the study of the structure, function, reproduction, growth, evolution and behaviour of all living organisms.

Programmes and qualifications with the following main content are classified here:

- Biology
- Botany
- Cell biology
- Entomology
- Genetics
- Mycology
- Zoology

Exclusions

Study of environmental sciences, which is the study of the relation between living organisms and the environment, is excluded from this detailed field and included in detailed field 0521 'Environmental sciences'. Study of chemical processes in living organisms (biochemistry, toxicology, pharmacology etc.) is excluded from this detailed field and included in detailed field 0512 'Biochemistry'.

0512 Biochemistry

Biochemistry, sometimes called Biological chemistry, is the study of the chemistry of living organisms, including but not limited to, living matter.

Programmes and qualifications with the following main content are classified here:

- Biological chemistry
- Cell technology
- Forensic sciences
- Genetic code (DNA, RNA) studies
- Genetic engineering
- Pharmacology
- Tissue culture technology
- Toxicology
- Virology

Inclusions

Biotechnology is included here.

052 Environment

0521 Environmental sciences

Environmental sciences are the study of organisms in relation to one another and to the environment.

Programmes and qualifications with the following main content are classified here:

- Ecology
- Environmental science

Exclusions

The study of biology and toxicology are excluded from this detailed field and included under narrow field 051 'Biological and related sciences'.

0522 Natural environments and wildlife

Natural environments and wildlife is the study of the relationships between living organisms in natural environments in order to protect nature and wildlife. It includes the study of establishing and maintaining national parks in order to preserve their original natural state.

Programmes and qualifications with the following main content are classified here:

- National parks and wildlife management
- Nature conservation
- Wildlife

Exclusions

Study of agriculture, horticulture and forestry are excluded from this detailed field and included in some of the detailed fields under 08 'Agriculture, forestry, fisheries and veterinary'.

Study of hunting and trapping is excluded from this detailed field and included in detailed field 0821 'Forestry'.

053 Physical sciences

0531 Chemistry

Chemistry is the study of substances and their elements and how they react when combined.

Programmes and qualifications with the following main content are classified here:

- Inorganic chemistry
- Organic chemistry
- Physical chemistry

Exclusions

Biochemistry is excluded from this detailed field and included in detailed field 0512 'Biochemistry'.

0532 Earth sciences

Earth sciences is the study of the composition and structure of earth including the hydrosphere and the atmosphere.

Programmes and qualifications with the following main content are classified here:

- Climate research
- Earth science
- Geodesy
- Geography (physical)
- Geology
- Geomatics
- Geospatial technology
- Meteorology
- Oceanography
- Seismology

Exclusions

Social geography is excluded from this detailed field and included in detailed field 0314 'Sociology and cultural studies'. Soil science is excluded from this detailed field and included in detailed field 0811 'Crop and livestock production'.

0533 Physics

Physics is the study of properties and interactions of matter and energy. It includes the study of astronomy and space science.

Programmes and qualifications with the following main content are classified here:

- Astronomy
- Astrophysics
- Chemical physics
- Medical physics
- Optics
- Physics
- Space science

Exclusions

Opticians' practice is excluded from this detailed field and included in detailed field 0914 'Medical diagnostic and treatment technology'.

054 Mathematics and statistics

0541 Mathematics

Mathematics is the study of abstract deductive systems. It includes algebra, arithmetic, geometry, real and complex analysis and pure and applied mathematics.

Programmes and qualifications with the following main content are classified here:

- Algebra
- Geometry
- Mathematics
- Numerical analysis
- Operational research

0542 Statistics

Statistics is the study of collecting, describing, arranging and analysing numerical data. The study of probability theory and actuarial science is included.

Programmes and qualifications with the following main content are classified here:

- Actuarial science
- Probability theory
- Statistics, applied
- Survey design
- Survey sampling

Inclusions

Study of mathematical (theoretical) statistics is included here.

Exclusions

Demography/population studies is excluded from this detailed field and included in detailed field 0314 'Sociology and cultural studies'.

058 Inter-disciplinary programmes and qualifications involving natural sciences, mathematics and statistics

0588 Inter-disciplinary programmes and qualifications involving natural sciences, mathematics and statistics

Inter-disciplinary or broad programmes and qualifications to which the greatest intended learning time is devoted to natural sciences, mathematics and statistics are classified here.

06 Information and Communication Technologies

061 Information and Communication Technologies

0611 Computer use

Computer use is the study of using computers and computer software and applications for different purposes. These programmes are generally of short duration.

Programmes and qualifications with the following main content are classified here:

- Computer use
- Use of software for calculating (spread sheets)
- Use of software for data processing
- Use of software for desk top publishing
- Use of software for word processing
- Use of Internet

0612 Database and network design and administration

Database and network design and administration is the study of the design, maintenance and integration of software applications. Computer media applications are included.

Programmes and qualifications with the following main content are classified here:

- Computer administration and management
- Computer media applications
- Computer network installation and maintenance
- Database administrator studies
- Information technology administration
- Information technology security
- Network administration
- Network design
- Web design

0613 Software and applications development and analysis

Software and applications development and analysis is the study of the design and development of computer systems and computing environments.

Programmes and qualifications with the following main content are classified here:

- Computer programming
- Computer science
- Computer systems analysis
- Computer systems design
- Informatics
- Operating systems
- Programming languages development
- Software development
- Software programming

Exclusions

Computer engineering (hardware) is excluded from this detailed field and included in detailed field 0714 'Electronics and automation'.

Programmes and qualifications in using computer applications are excluded from this detailed field and included in detailed field 0611 'Computer use'. Database and network design and administration is excluded from this detailed field and included in detailed field 0612 'Database and network design and administration'.

0619 Information and Communication Technologies not elsewhere classified

Information technology studies not fitting in the detailed fields are classified here:

Artificial intelligence

068 Inter-disciplinary programmes and qualifications involving Information and Communication Technologies

0688 Inter-disciplinary programmes and qualifications involving Information and Communication Technologies

Inter-disciplinary programmes and qualifications to which the greatest intended learning time is devoted to information and communication technologies (ICTs) are classified here.

07 Engineering, Manufacturing and Construction

071 Engineering and engineering trades

0711 Chemical engineering and processes

Chemical engineering and processes is the study of planning, designing, and developing products and processes where chemical and physical changes occur. It includes designing chemical plants and control systems.

Programmes and qualifications with the following main content are classified here:

- Chemical engineering
- Chemical process engineering
- Laboratory technology
- Oil/gas/petrochemicals processing
- Plant and machine operation (processing)
- Process technology

Inclusions

Laboratory technology is included here if emphasis is not given to a specific application.

Exclusions

Laboratory technology is excluded from this detailed field if emphasis is given to a specific application (biological, medical, etc.) and is included under the appropriate detailed field (0914 etc.). Biotechnology is excluded from this detailed field and included in detailed field 0512 'Biochemistry'.

Programmes and qualifications with emphasis on the production of a specific material are excluded from this detailed field (e.g. studies with emphasis on paper processing should be included in detailed field 0722 'Materials (glass, paper, plastic, wood)').

0712 Environmental protection technology

Environmental protection technology is the study of processes in order to minimise discharge and waste and avoid pollution. It includes programmes dealing with control of water, air, soil etc.

Programmes and qualifications with the following main content are classified here:

- Air pollution control
- Ecological technology
- Energy efficiency
- Environmental engineering
- Industrial discharge control
- Noise pollution control
- Recycling
- Water pollution control

Exclusions

Programmes and qualifications dealing with hygienic standards in food, water etc. are excluded from this detailed field and included in detailed field 1021 'Community sanitation'.

Construction related to waste and water management is excluded from this detailed field and included in detailed field 0732 'Building and civil engineering'.

0713 Electricity and energy

Electricity and energy is the study of installing, maintaining, repairing and diagnosing faults in electrical wiring and related equipment in domestic, commercial and industrial establishments. Installation and maintenance of overhead and underground electrical power distribution networks is included. Energy is the study of energy generation.

Programmes and qualifications with the following main content are classified here:

- Air-conditioning trades
- Climate engineering
- Electrical appliances repairing
- Electrical engineering
- Electrical fitting
- Electrical power generation
- Electrical trades
- Energy studies
- Gas distribution
- Heating trades
- Nuclear, hydraulic and thermal energy
- Power line installation and maintenance
- Power production
- Refrigeration
- Solar power
- Wind turbines

Inclusions

The study of installing, diagnosing faults in and repairing heating, air-conditioning and refrigeration equipment is included here.

Exclusions

Study of vehicle electrical systems is excluded from this detailed field and included in detailed field 0716 'Motor vehicles, ships and aircraft'.

0714 Electronics and automation

Electronics and automation is the study of planning, designing, developing maintaining and monitoring electronic equipment, machinery and systems. It includes designing computers and equipment for communication.

Programmes and qualifications with the following main content are classified here:

- Broadcasting electronics
- Communication systems
- Communications equipment installation
- Communications equipment maintenance
- Computer engineering
- Computer repairing
- Control engineering
- Data processing technology
- Digital technology
- Electronic engineering
- Electronic equipment servicing
- Network technology
- Robotics
- Telecommunications technology
- Television and radio repairing

Exclusions

Computer science (Software and applications development) is excluded from this detailed field and included under 0613 'Software and applications development and analysis'.

0715 Mechanics and metal trades

Mechanics and metal trades is the study of planning, designing, developing, producing, maintaining and monitoring machines, mechanical plants and systems and metal products. It includes designing and maintaining machines which produce goods and services. The focus of study in this detailed field is machines, mechanical systems and metal products.

Programmes and qualifications with the following main content are classified here:

- Gunsmithing
- Hydraulics
- Locksmithing and safe repairing
- Mechanical engineering
- Mechanical trades
- Metal casting and patternmaking
- Metal fitting, turning and machining
- Metallurgical engineering
- Precision mechanics
- Sheet metal working
- Steel production
- Tool and die making
- Welding

Exclusions

The study of motor vehicle mechanics and engineering is excluded from this detailed field and included in detailed field 0716 'Motor vehicles, ships and aircraft'.

0716 Motor vehicles, ships and aircraft

Motor vehicles, ships and aircraft is the study of designing, developing, producing, maintaining, diagnosing faults in, repairing and servicing motor vehicles, including earth moving equipment and agriculture machines, ships, trains and aircraft. Typical is the combination of studies in both metal structures and motors.

Programmes and qualifications with the following main content are classified here:

- Aerospace engineering
- Aircraft engineering
- Aircraft maintenance
- Automotive electrical systems
- Automotive engineering
- Avionics
- Coachwork
- Marine engineering
- Motorcycle engineering
- Panel beating
- Shipbuilding
- Train repair and maintenance
- Vehicle building and repairing
- Vehicle varnishing/spraying

Inclusions

Study of vehicle electrical systems is included here.

Exclusions

Study of producing and repairing non-motorised vehicles is excluded from this detailed field and included in 0715 'Mechanics and metal work' (e.g. bicycles) or 0722 'Materials (glass, paper, plastic, wood)' (e.g. non-motor boats).

0719 Engineering and engineering trades not elsewhere classified

Engineering studies not covered by other detailed fields are classified here:

- Nanotechnology

072 Manufacturing and processing

0721 Food processing

Food processing is the study of processing and packaging of food and beverages, and the equipment and procedures used in the production and distribution of foods.

Programmes and qualifications with the following main content are classified here:

- Baking
- Beer brewing
- Butchery
- Confectionery
- Dairy foods
- Food and drink processing
- Food preservation
- Food science and technology
- Meat processing
- Pastry cooking
- Tobacco processing
- Wine production

Inclusions

Study of food handling and food hygiene is included here.

Exclusions

Restaurant and catering are excluded from this detailed field and included in detailed field 1013 'Hotel, restaurant and catering'.

Nutrition science is excluded from this detailed field and included in narrow field 051 'Biological and related sciences'.

0722 Materials (glass, paper, plastic and wood)

Materials is the study of the **manufacturing of products** in glass, paper, plastic, wood or other materials like stone, clay, artificial materials etc. Programmes and qualifications included in this detailed field have more to do with a specific material than general technical knowledge.

Programmes and qualifications with the following main content are classified here:

- Boat building (non-motor)
- Cabinet making
- Carpentry (furniture)
- Ceramics (industrial)
- Furniture making
- Glass working (industrial)
- Industrial diamond production
- Paper manufacturing and processing
- Plastic manufacturing
- Rubber processing
- Timber technology
- Wood machining and turning
- Woodwork trades

Exclusions

Study of metal work is excluded from this detailed field and included in detailed field 0715 'Mechanics and metal trades'.

Study of building carpentry and joinery is excluded from this detailed field and included in detailed field 0732 'Building and civil engineering'.

Study of chemical processing in general is excluded from this detailed field and included in detailed field 0711 'Chemical engineering and processes'.

Study of printing and bookbinding is excluded from this detailed field and included in detailed field 0211 'Audio-visual techniques and media production'.

Handicrafts programmes (glass arts and crafts, woodcarving etc) are excluded from this detailed field and included in detailed field 0214 'Handicrafts'.

0723 Textiles (clothes, footwear and leather)

Textiles (clothes, footwear and leather) is the study of the manufacture of textiles, textile and leather products, clothing and related items, shoes and other forms of footwear.

Programmes and qualifications with the following main content are classified here:

- Clothing trades
- Dressmaking
- Footwear making
- Fur making
- Garment production
- Leather processing
- Saddlery
- Shoemaking
- Skins and leather production
- Spinning
- Tailoring
- Textile trades
- Upholstery
- Weaving (industrial)
- Wool science

Exclusions

Handicrafts studies (weaving, embroidery etc.) are excluded from this detailed field and included in detailed field 0214 'Handicrafts'.

0724 Mining and extraction

Mining and extraction is the study of assessing, planning, developing, and directing the extraction of minerals, oil and gas from the earth.

Programmes and qualifications with the following main content are classified here:

- Coal mining
- Mineral technology
- Mining of minerals
- Oil and gas drilling
- Oil and gas extraction
- Raw material extraction

Exclusions

Study of metallurgical engineering is excluded from this detailed field and included in 0715 'Mechanics and metal trades'

Study of geology is excluded from this detailed field and included in detailed field 0532 'Earth sciences'.

073 Architecture and construction

0731 Architecture and town planning

Architecture is the study of the art, science and techniques of building design. It encompasses both utilitarian ends - such as the soundness of the structure and the functional and economic efficiency of the building - and aesthetic considerations. **Town planning** is the study of the regulated growth and improvement of towns in both functional and aesthetical points of view.

Programmes and qualifications with the following main content are classified here:

- Architectural urban design and planning
- Architecture
- Building design
- Cartography/Land surveying
- City planning
- Community development
- Landscape architecture
- Structural architecture
- Surveying
- Town and country planning
- Urban planning

Exclusions

Study of interior design is excluded from this detailed field and included in detailed field 0212 'Fashion, interior and industrial design'. Geomatics is excluded from this detailed field and included in detailed field 0532 'Earth science'.

The laying out and construction of parks and gardens is excluded from this detailed field and included in detailed field 0812 'Horticulture'.

0732 Building and civil engineering

Building is the study of the science, technology and techniques of assembling, erecting and maintaining public, commercial, industrial and residential structures and their fittings. **Civil engineering** is the study of planning, designing, testing and directing the construction of large scale buildings and structures, including systems for transport, water supply, sewage etc.

Programmes and qualifications with the following main content are classified here:

- Bricklaying
- Bridge construction
- Building construction
- Building engineering
- Building technology
- Carpentry and joinery (building)
- Civil engineering
- Construction equipment
- Constructional metalwork (building)
- Dock and harbour engineering
- Floor and wall tiling
- Floor covering
- House building
- Industrial abseiling (commercial)
- Masonry and tile setting
- Painting and wall covering
- Plastering
- Plumbing and pipefitting
- Road building
- Water engineering and technology
- Water supply and sewerage engineering
- Ventilation

Exclusions

Installation of electricity is excluded from this detailed field and included in detailed field 0713 'Electricity and energy'. Similarly, installing and repairing of heating, air-conditioning and refrigeration equipment is excluded from this detailed field and included in detailed field 0713 'Electricity and energy'.

078 Inter-disciplinary programmes and qualifications involving engineering, manufacturing and construction

0788 Inter-disciplinary programmes and qualifications involving engineering, manufacturing and construction

Inter-disciplinary or broad programmes and qualifications to which the greatest intended learning time is devoted to engineering, manufacturing and construction are classified here.

08 Agriculture, Forestry, Fisheries and Veterinary

081 Agriculture

0811 Crop and livestock production

Crop and livestock production is the study of growing, maintaining and harvesting crops and pastures, and grazing and managing animals. It includes the study of managing and maintaining farms and producing unprocessed plant and animal products.

Programmes and qualifications with the following main content are classified here:

- Agricultural sciences
- Agronomy and crop science
- Animal husbandry
- Crop growing
- Dog breeding
- Farm and ranch management
- Farming
- Fruit growing
- Grain growing
- Horse breeding
- Pig farming
- Poultry husbandry
- Rice farming
- Rye and wheat growing
- Sheep farming
- Soil science
- Sugar cane growing
- Vegetable planting
- Wine growing

Inclusions

Study of soil fertility and irrigation techniques are included here.

Study of growing intensively managed crops such as fruit and vegetables is included here.

Exclusions

Study of wine production is excluded from this detailed field and is included in detailed field 0721 'Food processing'.

Jockeying is excluded from this detailed field and is included in detailed field 1014 'Sports'

0812 Horticulture

Horticulture is the study of horticultural technology and management, floriculture, greenhouse methods, nursery management, landscape gardening etc.

Programmes and qualifications with the following main content are classified here:

- Floriculture
- Gardening
- Green keeping
- Horticultural techniques
- Nursery management
- Turf cultivation

Inclusions

The laying out and construction of urban and domestic parks and gardens is included here.

Gardening programmes combining floriculture and growing vegetables are included here.

Exclusions

Study of growing edible crops (such as wheat, rice, fruit, vegetables etc,) is excluded from this detailed field and included in detailed field 0811 'Crop and livestock production'.

Study of soil science, soil fertility and irrigation techniques is excluded from this detailed field and included in detailed field 0811 'Crop and livestock production'.

Study of National park management is excluded from this detailed field and included in detailed field 0522 'Natural environments and wildlife'.

Study of Landscape architecture is excluded from this detailed field and included in detailed field 0731 'Architecture and town planning'.

082 Forestry

0821 Forestry

Forestry is the study of establishing, cultivating, harvesting and managing forests. It includes the study of hunting and trapping.

Programmes and qualifications with the following main content are classified here:

- Charcoal burning
- Forest keeping
- Forest product techniques
- Forestry
- Hunting and trapping
- Logging
- Tree felling

Exclusions

Study of National park management is excluded from this detailed field and included in detailed field 0522 'Natural environments and wildlife'.

Timber technology (sawmill production etc) is excluded from this detailed field and included in detailed field 0722 'Materials (glass, paper, plastic and wood)'.

083 Fisheries

0831 Fisheries

Fisheries is the study of breeding, rearing and harvesting fish and other seafood.

Programmes and qualifications with the following main content are classified here:

- Aquaculture
- Fish breeding
- Fish farms
- Fishery science and technology
- Pearl cultivating
- Seafood farming
- Shellfish breeding

Inclusions

Programmes for operating fishing boats are included here.

Exclusions

Study of industrial processing of fish is excluded from this detailed field and included in detailed field 0721 'Food processing'.

084 Veterinary

0841 Veterinary

Veterinary is the study of preventing, diagnosing and treating diseases and injuries in animals, and their general care. The study of caring for sick, injured and infirm animals undergoing treatment in veterinary clinics is included. It also includes the study of providing assistance to veterinary scientists.

Programmes and qualifications with the following main content are classified here:

- Animal health care
- Animal reproduction (science)
- Artificial insemination (of animals)
- Veterinary assisting
- Veterinary medicine
- Veterinary nursing
- Veterinary science

Inclusions

The science of animal reproduction is included here.

Exclusions

Study of animal breeding is excluded from this detailed field and included in detailed field 0811 'Crop and livestock production'.

088 Inter-disciplinary programmes and qualifications involving agriculture, forestry, fisheries and veterinary

0888 Inter-disciplinary programmes and qualifications involving agriculture, forestry, fisheries and veterinary

Inter-disciplinary or broad programmes and qualifications to which the greatest intended learning time is devoted to agriculture, forestry, fisheries and veterinary are classified here.

09 Health and Welfare

091 Health

0911 Dental studies

Dental studies are the study of diagnosing, treating and preventing diseases and abnormalities of the teeth and gums. It includes the study of designing, making and repairing dental prostheses and orthodontic appliances. It also includes the study of providing assistance to dentists.

Programmes and qualifications with the following main content are classified here:

- Dental assisting
- Dental hygiene
- Dental laboratory technology
- Dental nursing
- Dental science
- Dental surgery
- Dental technology
- Odontology
- Oral surgery
- Orthodontics

Inclusions

Study of public dental health is included here.

0912 Medicine

Medicine is the study of the principles and procedures used in preventing, diagnosing, caring for and treating illness, disease and injury in humans and the maintenance of general health. Principally, this detailed field consists of training of physicians/doctors.

Programmes and qualifications with the following main content are classified here:

- Anaesthetics
- Forensic medicine
- Forensic pathology
- General medicine
- Gerontology
- Gynaecology
- Medical science
- Medical training
- Medicine
- Paediatrics
- Psychiatry
- Surgery
- Training of physicians/doctors

0913 Nursing and midwifery

Nursing is the study of providing **health care** for the sick, disabled or infirm and assisting physicians and other medical and health professionals diagnose and treat patients. The focus of qualifications in nursing is maintaining and caring for the health of patients during illness and rehabilitation. It includes health care of old people and health care of the disabled. **Midwifery** is the study of providing care to childbearing women during pregnancy, labour and birth and during the postpartum period. It also includes caring for the new born and assisting the mother with breast feeding.

Programmes and qualifications with the following main content are classified here:

- Assistant nursing
- Basic nursing
- General nursing
- Health care of old people
- Health care of the disabled
- Health care programmes
- Infant hygiene (nursing)
- Midwifery
- Nursing aide/Orderly
- Psychiatric nursing
- Specialised nursing

Inclusions

Care programmes comprising **both health care and social care** e.g. for old people, are included here.

Exclusions

Veterinary nursing is excluded from this detailed field and is included in detailed field 0841 'Veterinary'.

Dental nursing is excluded from this detailed field and is included in detailed field 0911 'Dental studies'.

Non-medical care of children (not health care) is excluded from this detailed field and included in detailed field 0922 'Child care and youth services'.

Non-medical care of the elderly (not health care) is excluded from this detailed field and included in detailed field 0921 'Care of the elderly and disabled adults'.

0914 Medical diagnostic and treatment technology

Medical diagnostic and treatment technology is the study of a wide range of technologies used for diagnosing and treating diseases and handicaps.

Programmes and qualifications with the following main content are classified here:

- Ambulance technology
- Hearing aid technology
- Medical laboratory technology
- Optical technology
- Prosthetic technology
- Radiology technology
- Radiotherapy
- X-ray technology (medical)

Exclusions

Study of laboratory technology is excluded from this detailed field if emphasis is not given to medical laboratory technology. General laboratory technology is included in detailed field 0711 'Chemical engineering and processes'. Laboratory technology where emphasis is given to other specific applications (biology, chemistry, physics etc) is included in the appropriate detailed field (0511, 0531, 0533 etc.).

Study of dental technology is excluded from this detailed field and included in detailed field 0911 'Dental studies'.

0915 Therapy and rehabilitation

Therapy and rehabilitation is the study of restoring normal physical conditions to those incapacitated by temporary or permanent disability.

Programmes and qualifications with the following main content are classified here:

- Dietician programmes
- Medical massage
- Nutrition/Dietetics
- Occupational therapy
- Physiotherapy
- Rehabilitation
- Speech therapy

Exclusions

Study of psychotherapy is excluded from this detailed field and included in detailed field 0313 'Psychology'.

Study of nutrition **science** is excluded from this detailed field and included in narrow field 051 'Biological and related sciences'.

0916 Pharmacy

Pharmacy is the study of drugs and their effects on humans. It includes their preparation, dispensing and administration.

Programmes and qualifications with the following main content are classified here:

- Dispensing pharmacy
- Pharmacy

Exclusions

Study of pharmacology is excluded from this detailed field and included in detailed field 0511 'Biology'.

0917 Traditional and complementary medicine and therapy

Traditional and complementary medicine is the study of alternative medicine.

Programmes and qualifications with the following main content are classified here:

- Acupuncture and oriental medicine
- Aromatherapy
- Ayurvedic medicine
- Herbalism
- Herbology
- Holistic medicine
- Homeopathic medicine
- Traditional medicine, for example Chinese

092 Welfare

0921 Care of elderly and of disabled adults

Care of the elderly and of disabled adults is the study of **non-medical care** of the elderly and disabled.

Programmes and qualifications with the following main content are classified here:

- Care of the elderly
- Non-medical care of disabled adults
- Personal care of adults

Exclusions

Study of health care of the elderly and disabled is excluded from this detailed field and included in detailed field 0913 'Nursing and midwifery'.

0922 Child care and youth services

Child care and youth services are the study of the development and **non-medical care** of children and youths. It includes the study of recreation and leisure activities as a social service for school children and young adults.

Programmes and qualifications with the following main content are classified here:

- Child care
- Child recreation programmes
- Day care
- Non-medical care of disabled children
- Youth services
- Youth worker programmes

Exclusions

Study of early childhood education in pre-schools is excluded from this detailed field and included in detailed field 0112 'Training for pre-school teachers'.

Study of health care of children is excluded from this detailed field and included in detailed field 0913 'Nursing and midwifery'.

0923 Social work and counselling

Social work and counselling is the study of the welfare needs of communities, specific groups and individuals and the appropriate ways of meeting these needs. The focus is on social welfare with emphasis on social policy and practice.

Programmes and qualifications with the following main content are classified here:

- Alcohol and drug abuse counselling
- Alcohol, tobacco, drugs (knowledge about)
- Crisis support
- Family and marriage counselling
- Mobbing and maltreatment (knowledge about)
- Parole officer training
- Probation officer training
- Social policy
- Social practice
- Social theory (applied)
- Social work (welfare)
- Vocational counselling
- Vocational guidance

Exclusions

Study of sociology and social science is excluded from this detailed field and included in detailed field 0314 'Sociology and cultural studies'.

Studies combining health care and social care (e.g. for old people) are excluded from this detailed field and included in detailed field 0913 'Nursing and midwifery'.

098 Inter-disciplinary programmes and qualifications involving health and welfare

0988 Inter-disciplinary programmes and qualifications involving health and welfare

Inter-disciplinary or broad programmes and qualifications to which the greatest intended learning time is devoted to health and welfare are classified here.

10 Services

101 Personal services

1011 Domestic services

Domestic services are the study of various domestic services, such as housekeeping, cleaning, laundering, sewing etc.

Programmes and qualifications with the following main content are classified here:

- Caretaking, housekeeping and home service workers
- Chimney sweeping
- Cleaning
- Cooking (home)
- Domestic science
- Dry-cleaning
- Funeral services and mortuary science
- Home economics
- Laundry
- Needlework (home)
- Sewing (home)
- Window cleaning

Inclusions

Cleaning is included here even if directed towards cleaning schools, hospitals, factories etc.

Exclusions

Study of building maintenance is excluded from this detailed field and included in detailed field 0732 'Building and civil engineering'.

1012 Hair and beauty services

Hair and beauty services are the study of caring for the hair and the body for beautification.

Programmes and qualifications with the following main content are classified here:

- Barbering
- Beauty therapy
- Cosmetology (make up)
- Fitness and weight control
- Hairdressing
- Manicure
- Pedicure

1013 Hotel, restaurants and catering

Hotel, restaurants and catering is the study of providing food, beverages, accommodation and related services at hotels, restaurants etc.

Programmes and qualifications with the following main content are classified here:

- Catering
- Cooking (restaurant and hotel-type)
- Fast food preparation
- Food serving
- Hospitality services
- Hotel and restaurant studies
- Hotel receptionist training
- Hotel services
- Waiting and bar service

Exclusions

Study of food processing (industrial) is excluded from this detailed field and included in detailed field 0721 'Food processing'.

Receptionist training (general) is excluded from this detailed field and included in detailed field 0415 'Secretarial and office work'.

1014 Sports

Sports is the study of techniques and skills in a chosen sport.

Programmes and qualifications with the following main content are classified here:

- Sport trainer studies
- Techniques and skills in a chosen sport
- Training of umpires/referees and other sports officials

Inclusions

Jockeying is included here. Chess playing is included here.

Exclusions

Training of school teachers in physical education (sports teachers) is excluded from this detailed field and included in detailed field 0114 'Teacher training with subject specialisation'.

Fitness services are excluded from this detailed field and included in detailed field 1012 'Hair and beauty services'.

1015 Travel, tourism and leisure

Travel and tourism is the study of marketing and advertising tourist destinations and events. It includes the study of ticketing and reservation practices. **Leisure** is the study of recreational and leisure activities for individuals and groups.

Programmes and qualifications with the following main content are classified here:

- Abseiling (rope climbing)
- Adventure based activities
- Ground crew training (airport)
- Guiding, tour leading
- Recreation and leisure
- Tourist trades programmes
- Travel agency services
- Travel and tourism
- Travel services

Inclusions

Basic training in how to treat tourists is included here.

Exclusions

Study of recreation and leisure activities for school children is excluded from this detailed field and included in detailed field 0922 'Child care and youth services'.

102 Hygiene and occupational health services

1021 Community sanitation

Community sanitation is the study of community services dealing with items that affect public health such as hygienic standards in food, water supply, disposal of sewage and garbage and street cleaning.

Programmes and qualifications with the following main content are classified here:

- Hygiene, community
- Hygienic standards
- Refuse collection
- Refuse/sewage disposal
- Street cleaning
- Water supply (service)
- Waste management

1022 Occupational health and safety

Occupational health and safety is the study of recognising, evaluating and controlling environmental factors associated with the workplace.

Programmes and qualifications with the following main content are classified here:

- Ergonomics (occupational health and safety)
- Health and safety in the workplace
- Industrial welfare
- Labour protection
- Labour security
- Labour welfare (safety)
- Occupational health and industrial hygiene
- Occupational safety
- Stress management
- Work environment

Exclusions

Study of vocational rehabilitation and occupational therapy is excluded from this detailed field and included in detailed field 0915 'Therapy and rehabilitation'.

Study of labour law is excluded from this detailed field and included in 0421 'Law'.

Study of ergonomics is excluded from this detailed field if emphasis is given to technical aspects and is included in the appropriate detailed field under 071 'Engineering and engineering trades'.

103 Security services

1031 Military and defence

Military and defence is the study of services to the community connected with war and defence, designed to provide training in the principles and practice of military science.

Programmes and qualifications with the following main content are classified here:

- Air force training
- Army training
- Defence studies
- Military science
- Navy training
- War theory

Exclusions

Military personnel participating in non-military programmes should be classified according to the subject content of the training programme.

1032 Protection of persons and property

Protection of persons and property is the study of services to the community concerning protection of property and persons. It comprises training in police work, public security, fire protection and fire-fighting.

Programmes and qualifications with the following main content are classified here:

- Civil security
- Customs programmes
- Fire-protection (fire-fighting)
- Fire technology
- Life guarding
- Police work
- Policing studies
- Prison work
- Public security
- Security and loss prevention services
- Security guarding

Exclusions

Study of law is excluded from this detailed field and included in 0421 'Law'.

Study of criminology is excluded from this detailed field and included in detailed field 0314 'Sociology and cultural studies'.

104 Transport services

1041 Transport services

Transport is the study of operating, navigating and directing ships, train, aircraft and other forms of transportation.

Programmes and qualifications with the following main content are classified here:

- Aircraft operation
- Air traffic control
- Air traffic safety
- Cabin crew training
- Communication (air, railway, road etc.) programmes
- Crane and truck driving
- Driving programmes
- Flying and navigation
- Navigation technologies
- Postal service
- Railway operations
- Road motor vehicle operations
- Ship operation
- Shipping
- Transport studies

Exclusions

Programmes in telephone network services are excluded from this detailed field and included in detailed field 0714 'Electronics and automation'. Programmes in switchboard operating are excluded from this detailed field and included in detailed field 0415 'Secretarial and office work'.

108 Inter-disciplinary programmes and qualifications involving services

1088 Inter-disciplinary programmes and qualifications involving services

Inter-disciplinary programmes and qualifications to which the greatest intended learning time is devoted to services are classified here.

Appendix I

ISCED-F 2013: List of possible codes

Broad field	Narrow field	Detailed field
00 Generic programmes and qualifications	000 Generic programmes and qualifications not further defined	0000 Generic programmes and qualifications not further defined
	001 Basic programmes and qualifications	0011 Basic programmes and qualifications
	002 Literacy and numeracy	0021 Literacy and numeracy
	003 Personal skills and development	0031 Personal skills and development
	009 Generic programmes and qualifications not elsewhere classified	0099 Generic programmes and qualifications not elsewhere classified
01 Education	011 Education	0110 Education not further defined 0111 Education science 0112 Training for pre-school teachers 0113 Teacher training without subject specialisation 0114 Teacher training with subject specialisation 0119 Education not elsewhere classified
	018 Inter-disciplinary programmes and qualifications involving education	0188 Inter-disciplinary programmes and qualifications involving education
02 Arts and humanities	020 Arts and humanities not further defined	0200 Arts and humanities not further defined
	021 Arts	0210 Arts not further defined 0211 Audio-visual techniques and media production 0212 Fashion, interior and industrial design 0213 Fine arts 0214 Handicrafts 0215 Music and performing arts 0219 Arts not elsewhere classified
	022 Humanities (except languages)	0220 Humanities (except languages) not further defined 0221 Religion and theology 0222 History and archaeology 0223 Philosophy and ethics 0229 Humanities (except languages) not elsewhere classified
	023 Languages	0230 Languages not further defined 0231 Language acquisition 0232 Literature and linguistics 0239 Languages not elsewhere classified
	028 Inter-disciplinary programmes and qualifications involving arts and humanities	0288 Inter-disciplinary programmes and qualifications involving arts and humanities
	029 Arts and humanities not elsewhere classified	0299 Arts and humanities not elsewhere classified

Broad field	Narrow field	Detailed field
03 Social sciences, journalism and information	030 Social sciences, journalism and information not further defined	0300 Social sciences, journalism and information not further defined
	031 Social and behavioural sciences	0310 Social and behavioural sciences not further defined 0311 Economics 0312 Political sciences and civics 0313 Psychology 0314 Sociology and cultural studies 0319 Social and behavioural sciences not elsewhere classified
	032 Journalism and information	0320 Journalism and information not further defined 0321 Journalism and reporting 0322 Library, information and archival studies 0329 Journalism and information not elsewhere classified
	038 Inter-disciplinary programmes and qualifications involving social sciences, journalism and information	0388 Inter-disciplinary programmes and qualifications involving social sciences, journalism and information
	039 Social sciences, journalism and information not elsewhere classified	0399 Social sciences, journalism and information not elsewhere classified
04 Business, administration and law	040 Business, administration and law not further defined	0400 Business, administration and law not further defined
	041 Business and administration	0410 Business and administration not further defined 0411 Accounting and taxation 0412 Finance, banking and insurance 0413 Management and administration 0414 Marketing and advertising 0415 Secretarial and office work 0416 Wholesale and retail sales 0417 Work skills 0419 Business and administration not elsewhere classified
	042 Law	0421 Law
	048 Inter-disciplinary programmes and qualifications involving business, administration and law	0488 Inter-disciplinary programmes and qualifications involving business, administration and law
	049 Business, administration and law not elsewhere classified	0499 Business, administration and law not elsewhere classified

Broad field	Narrow field	Detailed field
05 Natural sciences, mathematics and statistics	050 Natural sciences, mathematics and statistics not further defined	0500 Natural sciences, mathematics and statistics not further defined
	051 Biological and related sciences	0510 Biological and related sciences not further defined 0511 Biology 0512 Biochemistry 0519 Biological and related sciences not elsewhere classified
	052 Environment	0520 Environment not further defined 0521 Environmental sciences 0522 Natural environments and wildlife 0529 Environment not elsewhere classified
	053 Physical sciences	0530 Physical sciences not further defined 0531 Chemistry 0532 Earth sciences 0533 Physics 0539 Physical sciences not elsewhere classified
	054 Mathematics and statistics	0540 Mathematics and statistics not further defined 0541 Mathematics 0542 Statistics
	058 Inter-disciplinary programmes and qualifications involving natural sciences, mathematics and statistics	0588 Inter-disciplinary programmes and qualifications involving natural sciences, mathematics and statistics
	059 Natural sciences, mathematics and statistics not elsewhere classified	0599 Natural sciences, mathematics and statistics not elsewhere classified
06 Information and Communication Technologies (ICTs)	061 Information and Communication Technologies (ICTs)	0610 Information and Communication Technologies (ICTs) not further defined 0611 Computer use 0612 Database and network design and administration 0613 Software and applications development and analysis 0619 Information and Communication Technologies (ICTs) not elsewhere classified
	068 Inter-disciplinary programmes and qualifications involving Information and Communication Technologies (ICTs)	0688 Inter-disciplinary programmes and qualifications involving Information and Communication Technologies (ICTs)

Broad field	Narrow field	Detailed field
07 Engineering, manufacturing and construction	070 Engineering, manufacturing and construction not further defined	0700 Engineering, manufacturing and construction not further defined
	071 Engineering and engineering trades	0710 Engineering and engineering trades not further defined 0711 Chemical engineering and processes 0712 Environmental protection technology 0713 Electricity and energy 0714 Electronics and automation 0715 Mechanics and metal trades 0716 Motor vehicles, ships and aircraft 0719 Engineering and engineering trades not elsewhere classified
	072 Manufacturing and processing	0720 Manufacturing and processing not further defined 0721 Food processing 0722 Materials (glass, paper, plastic and wood) 0723 Textiles (clothes, footwear and leather) 0724 Mining and extraction 0729 Manufacturing and processing not elsewhere classified
	073 Architecture and construction	0730 Architecture and construction not further defined 0731 Architecture and town planning 0732 Building and civil engineering
	078 Inter-disciplinary programmes and qualifications involving engineering, manufacturing and construction	0788 Inter-disciplinary programmes and qualifications involving engineering, manufacturing and construction
	079 Engineering, manufacturing and construction not elsewhere classified	0799 Engineering, manufacturing and construction not elsewhere classified
08 Agriculture, forestry, fisheries and veterinary	080 Agriculture, forestry, fisheries and veterinary not further defined	0800 Agriculture, forestry, fisheries and veterinary not further defined
	081 Agriculture	0810 Agriculture not further defined 0811 Crop and livestock production 0812 Horticulture 0819 Agriculture not elsewhere classified
	082 Forestry	0821 Forestry
	083 Fisheries	0831 Fisheries
	084 Veterinary	0841 Veterinary
	088 Inter-disciplinary programmes and qualifications involving agriculture, forestry, fisheries and veterinary	0888 Inter-disciplinary programmes and qualifications involving agriculture, forestry, fisheries and veterinary
089 Agriculture, forestry, fisheries and veterinary not elsewhere classified	0899 Agriculture, forestry, fisheries and veterinary not elsewhere classified	

Broad field	Narrow field	Detailed field
09 Health and welfare	090 Health and welfare not further defined	0900 Health and welfare not further defined
	091 Health	0910 Health not further defined 0911 Dental studies 0912 Medicine 0913 Nursing and midwifery 0914 Medical diagnostic and treatment technology 0915 Therapy and rehabilitation 0916 Pharmacy 0917 Traditional and complementary medicine and therapy 0919 Health not elsewhere classified
	092 Welfare	0920 Welfare not further defined 0921 Care of the elderly and of disabled adults 0922 Child care and youth services 0923 Social work and counselling 0929 Welfare not elsewhere classified
	098 Inter-disciplinary programmes and qualifications involving health and welfare	0988 Inter-disciplinary programmes and qualifications involving health and welfare
	099 Health and welfare not elsewhere classified	0999 Health and welfare not elsewhere classified
10 Services	100 Services not further defined	1000 Services not further defined
	101 Personal services	1010 Personal services not further defined 1011 Domestic services 1012 Hair and beauty services 1013 Hotel, restaurants and catering 1014 Sports 1015 Travel, tourism and leisure 1019 Personal services not elsewhere classified
	102 Hygiene and occupational health services	1020 Hygiene and occupational health services not further defined 1021 Community sanitation 1022 Occupational health and safety 1029 Hygiene and occupational health services not elsewhere classified
	103 Security services	1030 Security services not further defined 1031 Military and defence 1032 Protection of persons and property 1039 Security services not elsewhere classified
	104 Transport services	1041 Transport services
	108 Inter-disciplinary programmes and qualifications involving services	1088 Inter-disciplinary programmes and qualifications involving services
	109 Services not elsewhere classified	1099 Services not elsewhere classified
99 Field unknown	999 Field unknown	9999 Field unknown

Appendix II

Numerical code list

00	Generic programmes and qualifications	Development of mental skills
000	Generic programmes and qualifications not further defined	Development of personal organisational capacities
0000	Generic programmes and qualifications not further defined	Enhancing personal skills
001	Basic programmes and qualifications	Family life development training
0011	Basic programmes and qualifications	Job-seeking programmes
	Basic programmes and qualifications	Life orientation programmes
	Broad generic (non-specialised) programmes and qualifications	Parenting courses
	General programmes and qualifications with no specific subject emphasis	Personal career planning
	Programmes and qualifications at primary level	Personal development
002	Literacy and numeracy	Positive thinking
0021	Literacy and numeracy	Presentation techniques
	Basic remedial programmes for youth or adults	Public speaking
	Functional literacy	Self-confidence
	Literacy	Self-esteem skills
	Numeracy	Social competence
	Simple literacy	Teamwork
003	Personal skills and development	Time management
0031	Personal skills and development	009 Generic programmes and qualifications not elsewhere classified
	Argumentation and presentation	0099 Generic programmes and qualifications not elsewhere classified
	Assertiveness training	01 Education
	Communication skills	011 Education
	Co-operation	0110 Education not further defined
	Development of behavioural capacities	0111 Education science
		Curriculum development (theory)
		Curriculum studies
		Didactics

- Distance education methodology
- Education science
- Educational assessment, testing and measurement
- Educational evaluation and research
- Paedagogical sciences (education)
- 0112 Training for pre-school teachers**
 - Early childhood teaching (within formal school settings)
 - Pre-primary teacher training
- 0113 Teacher training without subject specialisation**
 - Adult literacy and numeracy teacher training
 - Class teacher training
 - Elementary teacher education
 - Indigenous teacher training
 - Lower secondary teaching
 - Primary teaching
 - Special education teaching
- 0114 Teacher training with subject specialisation**
 - Teacher training - arts and crafts
 - Teacher training – commercial subjects
 - Teacher training – music
 - Teacher training – nursing
 - Teacher training – physical training
 - Teacher training – second languages
 - Teacher training – specific theoretical subjects (e.g. mathematics, history)
 - Teacher training – technical subjects
 - Teacher training – vocational subjects
 - Teacher training courses for university teachers
 - Training of driving instructors
- 0119 Education not elsewhere classified**
- 018 Inter-disciplinary programmes and qualifications involving education**
- 0188 Inter-disciplinary programmes and qualifications involving education**
- 02 Arts and humanities**
- 020 Arts and humanities not further defined**
- 0200 Arts and humanities not further defined**
- 021 Arts**
- 0210 Arts not further defined**
- 0211 Audio-visual techniques and media production**
 - Animation
 - Binding and finishing (printing)
 - Bookbinding
 - Camera operating
 - Cinematography
 - Compositing (printing)
 - Composition equipment operating
 - Computer game production
 - Computer graphics
 - Computer type-setting
 - Desktop publishing
 - Disc jockey training
 - Film and TV editing
 - Film and video production
 - Graphic design
 - Graphic reproduction
 - Illustration
 - Interactive media design
 - Lay-out
 - Media techniques
 - Multimedia production
 - Photo developing
 - Photography

Pre-press operations	Philosophy of art
Print finishing and binding	Sculpture
Printing	Sketching (art)
Printing machining	0214 Handicrafts
Publishing design	Ceramics (craft)
Radio and TV production	Conservation of cultural material
Recorded music production	Craft programmes
Sound and vision	Crafts, folk arts and artisan
Sound techniques	Decorative metal crafts
Type-setting	Embroidery (craft)
0212 Fashion, interior and industrial design	Fibre, textile and weaving arts
Costume design	Floristry (flower arranging)
Design	Glass arts and craft
Design of industrial products (artistic)	Goldsmithing
Fashion design	Handicrafts
Industrial design (artistic)	Indigenous crafts
Interior architecture	Jewellery design
Interior decorating	Jewellery making (craft)
Interior design	Lapidary and jewellery
Stage designing	Making of musical instruments (not industrial)
Three dimensional design	Musical instruments (repairing and tuning)
Window dressing	Needle craft
0213 Fine arts	Picture framing
Aesthetics	Silversmithing
Art history	Stone carving (craft)
Art studies	Weaving (craft)
Art theory	Woodcarving
Calligraphy	0215 Music and performing arts
Drawing (artistic)	Acting and directing
Etching (artistic)	Ballet
Fine art printmaking	Choreography
History of art	Circus
Lithography	Composition (music)
Painting (art)	

- Conducting (music)
- Creative and performance art
- Dance
- Directing (theatre)
- Drama
- Elocution
- Fashion modelling
- History of film and theatre
- History of music
- Music
- Music and the stage
- Music composition
- Music conducting
- Musicology
- Performing arts
- Theatre/theatre sciences
- 0219 Arts not elsewhere classified**
- 022 Humanities (excluding languages)**
- 0220 Humanities (excluding languages) not further defined**
- 0221 Religion and theology**
 - Religion
 - Religious history
 - Religious studies
 - Study of different religions
 - Study of sacred books
 - Theology
- 0222 History and archaeology**
 - Archaeology
 - Cultural history
 - Folklore studies
 - History
 - History and philosophy of science and technology
 - History of literature
- History of medicine
- History of science and ideas
- History of technology
- Literature history
- Medieval and renaissance studies
- Preservation of artistic heritage
- 0223 Philosophy and ethics**
 - Ethics
 - Logic
 - Morals
 - Philosophy
- 0229 Humanities (except languages) not elsewhere classified**
- 023 Languages**
- 0230 Languages not further defined**
- 0231 Language acquisition**
 - Classical languages
 - Exogenous languages
 - Foreign languages
 - Interpretation programmes
 - Phonetics
 - Second languages
 - Semantics, foreign languages
 - Sign language interpreting
 - Sign languages
 - Translation programmes
- 0232 Literature and linguistics**
 - Comparative literature
 - Creative writing
 - First language programmes
 - Indigenous languages
 - Linguistics, general
 - Literature
 - Mother tongue programmes
 - Native first languages

- Philology (first language)
- Semantics (first language)
- Speech and rhetorical studies
- 0239 Languages not elsewhere classified**
- 028 Inter-disciplinary programmes and qualifications involving arts and humanities**
- 0288 Inter-disciplinary programmes and qualifications involving arts and humanities**
- 029 Arts and humanities not elsewhere classified**
- 0299 Arts and humanities not elsewhere classified**
- 03 Social sciences, journalism and information**
- 030 Social sciences, journalism and information not further defined**
- 0300 Social sciences, journalism and information not further defined**
- 031 Social and behavioural sciences**
- 0310 Social and behavioural sciences not further defined**
- 0311 Economics**
 - Econometrics
 - Economic history
 - Economics
 - International economics
 - Macro economics
 - National accounts
 - Political economics
- 0312 Political sciences and civics**
 - Civics
 - Human rights
 - International relations
 - Peace and conflict studies
 - Political history
 - Political science
- Politics
- Public policy studies
- 0313 Psychology**
 - Cognitive sciences
 - Conversational therapy
 - Development and child psychology
 - Psychoanalysis
 - Psychology
 - Psychotherapy
- 0314 Sociology and cultural studies**
 - Criminology
 - Cultural geography
 - Cultural studies
 - Demography/population studies
 - Ethnology
 - Futurology
 - Gender studies
 - Geography (social)
 - Human geography
 - Regional cultures
 - Social anthropology
 - Social conflict theory
 - Social geography
 - Sociology
 - Women's studies
- 0319 Social and behavioural sciences not elsewhere classified**
- 032 Journalism and information**
- 0320 Journalism and information not further defined**
- 0321 Journalism and reporting**
 - Broadcast journalism
 - Editing
 - Information (wording and content)
 - Journalism

- Mass communication (wording and content)
- News reporting
- Publishing (dissemination of messages)
- 0322 Library, information and archival studies**
 - Archival sciences
 - Curatorial studies
 - Documentation
 - Information science
 - Information searching
 - Librarianship training
 - Library studies
 - Museum documentation
 - Museum studies
 - Museology
- 0329 Journalism and information not elsewhere classified**
- 038 Inter-disciplinary programmes and qualifications involving social sciences, journalism and information**
- 0388 Inter-disciplinary programmes and qualifications involving social sciences, journalism and information**
- 039 Social sciences, journalism and information not elsewhere classified**
- 0399 Social sciences, journalism and information not elsewhere classified**
- 04 Business, administration and law**
- 040 Business, administration and law not further defined**
- 0400 Business, administration and law not further defined**
- 041 Business and administration**
- 0410 Business and administration not further defined**
- 0411 Accounting and taxation**
- Accounting
- Auditing
- Bookkeeping
- Tax accounting
- Tax management
- 0412 Finance, banking and insurance**
 - Bank teller studies
 - Banking and finance
 - Business finance
 - Finance, banking, insurance
 - Finance theory
 - Financial management
 - Insurance
 - Investment analysis
 - Investments and securities
 - Pension insurance
 - Social insurance
 - Stock-broking
- 0413 Management and administration**
 - Administration
 - Business administration
 - Educational management
 - Employment management
 - Entrepreneurship
 - Enterprise training
 - Health administration
 - Human resources management
 - Local public administration
 - Logistic management
 - Management of education
 - Management science
 - Management skills
 - Office management
 - Organisational theory and behaviour
 - Performance appraisal

Personnel administration	Stenography
Personnel management	Switchboard operating
Public administration	Typing
Public and institution management	0416 Wholesale and retail sales
Quality management	Auctioneering
Recruitment	Buying and selling
'Start your own business' courses	Consumer services
Supply change management	Dairy retailing
Training management	Demonstration techniques
0414 Marketing and advertising	Property sales
Advertising	Purchasing
Consumer behaviour	Purchasing, procurement and contracts
Market research	Real-estate business
Marketing	Retailing
Merchandising	Sales representatives
Public relations	Stock-keeping
Sales and marketing	Telephone selling
0415 Secretarial and office work	Ware-housing
Administrative and secretarial services	Wholesaling
Business correspondence	0417 Work skills
Clerical programmes	Clients' needs
Court reporting	Company knowledge
Data entry	Customer service training
Foreign language secretary programmes	Industrial relations
Information processing/data entry	Introduction to work courses
Keyboard skills	Organisation at work
Legal secretary programmes	Quality assurance
Management support services	Trade union courses (general)
Medical secretary programmes	Work development
Office automation	Work place skills
Operation of office equipment	Working life
Receptionist training	0419 Business and administration not elsewhere classified
Secretarial programmes	042 Law
Shorthand	0421 Law

- Commercial law
- Criminal justice studies
- History of law
- Indigenous law
- Islamic sharia
- Jurisprudence
- Labour law
- Law
- Legal practice
- Legal studies
- Notary/Notary's practise
- Paralegal studies
- 048 Inter-disciplinary programmes and qualifications involving business, administration and law**
- 0488 Inter-disciplinary programmes and qualifications involving business, administration and law**
- 049 Business, administration and law not elsewhere classified**
- 0499 Business, administration and law not elsewhere classified**
- 05 Natural sciences, mathematics and statistics**
- 050 Natural sciences, mathematics and statistics not further defined**
- 0500 Natural sciences, mathematics and statistics not further defined**
- 051 Biological and related sciences**
- 0510 Biological and related sciences not further defined**
- 0511 Biology**
 - Biology
 - Biometrics
 - Botany
 - Cell biology
 - Entomology
 - Genetics
- Life sciences
- Limnology
- Microbiology
- Molecular biology
- Mycology
- Ornithology
- Parasitology
- Zoology
- 0512 Biochemistry**
 - Biological chemistry
 - Biotechnology
 - Cell technology
 - Forensic sciences
 - Genetic code (DNA, RNA) studies
 - Genetic engineering
 - Pharmacology
 - Tissue culture technology
 - Toxicology
 - Virology
- 0519 Biological and related sciences not elsewhere classified**
- 052 Environment**
- 0520 Environment not further defined**
- 0521 Environmental sciences**
 - Ecology
 - Environmental science
- 0522 Natural environments and wildlife**
 - Conservation and land management
 - National parks and wildlife management
 - Nature conservation
 - Wildlife management
 - Wildlife ranger studies
- 0529 Environment not elsewhere classified**
- 053 Physical sciences**

0530 Physical sciences not further defined

0531 Chemistry

Analytical chemistry
Chemistry
Inorganic chemistry
Organic chemistry
Petrology
Physical chemistry
Polymer chemistry

0532 Earth sciences

Atmospheric sciences
Climate research
Earth science
Geodesy
Geographic information systems (GIS)
Geography (nature)
Geography (physical)
Geoinformatics
Geology
Geomatics
Geophysics
Geoscience
Geospatial technology
Hydrogeology
Hydrology
Marine science
Meteorology
Mineralogy
Ocean life sciences
Oceanography
Palaeontology
Seismology
Vulcanology

0533 Physics

Acoustics
Astronomy
Astrophysics
Biophysics
Chemical physics
Medical physics
Nuclear physics
Optics
Physics
Planetary sciences
Space science

0539 Physical sciences not elsewhere classified

054 Mathematics and statistics

0540 Mathematics and statistics not further defined

0541 Mathematics

Algebra
Applied mathematics
Data analysis (mathematics)
Geometry
Mathematics
Numerical analysis
Operational research
Pure mathematics

0542 Statistics

Actuarial science
Applied statistics
Mathematical (theoretical) statistics
Probability theory
Survey design
Survey sampling

058 Inter-disciplinary programmes and qualifications involving natural sciences, mathematics and statistics

0588 Inter-disciplinary programmes and qualifications involving natural sciences, mathematics and statistics

059 Natural sciences, mathematics and statistics not elsewhere classified

0599 Natural sciences, mathematics and statistics not elsewhere classified

06 Information and Communication Technologies (ICTs)

061 Information and Communication Technologies (ICTs)

0610 Information and Communication Technologies (ICTs) not further defined

0611 Computer use

Computer software use

Computer use

Internet use

Use of software for calculating (spreadsheets)

Use of software for data processing

Use of software for desktop publishing

Use of software for word processing

0612 Database and network design and administration

Computer administration and management

Computer media applications

Computer network installation and maintenance

Computer support

Database administrator studies

Information technology administration

Information technology security

Network administration

Network design

Web design

0613 Software and applications development and analysis

Computer programming

Computer science

Computer systems analysis

Computer systems design

Informatics (computer science)

Operating systems

Programming (computer)

Programming languages development

Software development

Software localisation

Software programming

Software testing

0619 Information and Communication Technologies (ICTs) not elsewhere classified

Artificial intelligence

068 Inter-disciplinary programmes and qualifications involving Information and Communication Technologies (ICTs)

0688 Inter-disciplinary programmes and qualifications involving Information and Communication Technologies (ICTs)

07 Engineering, manufacturing and construction

070 Engineering, manufacturing and construction not further defined

0700 Engineering, manufacturing and construction not further defined

071 Engineering and engineering trades

0710 Engineering and engineering trades not further defined

0711 Chemical engineering and processes

Chemical engineering

Chemical process engineering

Laboratory assistant programmes
Laboratory technician programmes
Laboratory technology
Oil/gas/petrochemicals processing
Oil refining
Plant and machine operation
(processing)
Process technology

0712 Environmental protection technology

Air pollution control
Ecological technology
Energy efficiency
Environmental control
Environmental engineering
Environmental protection technology
Industrial discharge control
Noise pollution control
Recycling
Water pollution control

0713 Electricity and energy

Air-conditioning trades (installation and
maintenance)
Climate engineering
Electrical appliances repairing
Electrical engineering
Electrical fitting
Electrical power generation
Electrical trades
Energy studies
Gas distribution
Heating trades (installation and
maintenance)
Nuclear, hydraulic and thermal energy
Power line installation and maintenance
Power production
Refrigeration

Solar energy
Solar power
Wind turbines

0714 Electronics and automation

Automation
Broadcasting electronics
Communication systems
Communications equipment installation
Communications equipment
maintenance
Computer engineering
Computer repairing
Control engineering
Data processing technology
Digital technology
Electronic engineering
Electronic equipment servicing
Network technology
Robotics
Telecommunications technology
Television and radio repairing

0715 Mechanics and metal trades

Bicycle production
Bicycle repair
Boilermaking and welding
Gunsmithing
Hydraulics
Locksmithing and safe repairing
Mechanical engineering
Mechanical trades
Metal casting and patternmaking
Metal fitting, turning and machining
Metal trades programmes
Metallurgical engineering
Metallurgical technology

Micromechanics	Vehicle varnishers/sprayers
Precision mechanics	0719 Engineering and engineering trades not elsewhere classified
Sheet metal working	Nanotechnology
Steel production	072 Manufacturing and processing
Tool and die making	0720 Manufacturing and processing not further defined
Watchmaking	0721 Food processing
Welding	Baking
0716 Motor vehicles, ships and aircraft	Brewing
Aeronautical engineering	Butchery
Aerospace engineering	Cheese production
Agriculture machinery mechanics	Confectionery
Aircraft engineering	Dairy foods (industrial)
Aircraft maintenance	Dairy science
Automotive electrical systems	Distilling
Automotive engineering	Food and drink processing
Avionics	Food handling/hygiene
Coachwork	Food preparation
Helicopter construction	Food preservation
Marine construction	Food processing industry
Marine engineering	Food science
Maritime engineering	Food science and technology
Motorcycle engineering	Food techniques
Motorcycle mechanics	Industrial bakery/flour production
Naval engineering	Meat processing
Panel beating	Pastry cooking
Shipbuilding	Tobacco processing
Train repair and maintenance	Wine production
Vehicle and motor engineering	Wine science
Vehicle building	Wine storing/maturing
Vehicle diagnostics	0722 Materials (glass, paper, plastic and wood)
Vehicle electrical systems	Boat building (non-motor)
Vehicle mechanics	Cabinet making
Vehicle painting	Cane, willow and bamboo work
Vehicle repairing	
Vehicle trimming	

Carpentry (furniture)	Saddlery
Ceramics (industrial)	Sewing (industrial)
Furniture crafts	Shoe, boot and leather repairing
Furniture making	Shoemaking
Glass production	Skins and leather production
Glass working (industrial)	Soft furnishings
Industrial diamond production	Spinning
Paper manufacturing and processing	Tailoring
Plastic manufacturing	Textiles, clothing and footwear
Rubber processing	Textile techniques
Stone cutting	Textile trades
Synthetic fibre manufacturing	Upholstery
Timber technology	Weaving (industrial)
Wood machining and turning	Wool science
Wood technology	0724 Mining and extraction
Woodwork trades	Coal mining
Woodworking and carpentry	Drilling
0723 Textiles (clothes, footwear and leather)	Mineral technology
Clothing, apparel and textile working	Mining engineering
Clothing industry	Mining of minerals
Clothing trades	Mining technology
Custom tailoring	Oil and gas drilling
Cutting and tailoring	Oil and gas extraction
Dressmaking	Quarry supervision
Embroidery and needlework (industrial)	Raw material extraction
Footwear making	0729 Manufacturing and processing not elsewhere classified
Fur making	
Furrier	073 Architecture and construction
Garment production	0730 Architecture and construction not further defined
Knitting (industrial)	0731 Architecture and town planning
Leather goods production	Architectural urban design and planning
Leather processing	Architecture
Leather trades	Building design
Pelt worker	

Cartography/Land surveying	Floor and wall tiling
City planning	Floor covering
Community development	Glazing
Community planning	House building
Landscape architecture	Industrial abseiling (commercial)
Rural development	Insulation
Structural architecture	Irrigation and drainage (construction)
Surveying	Joinery and carpentry (building)
Topography	Masonry and tile setting
Town and country planning	Painting and wall covering
Town and regional planning	Pipe fitting
Town planning	Plastering (building)
Urban planning	Plumbing
Urban studies	Quantity surveying
0732 Building and civil engineering	Road building
Bricklaying	Roof fixing
Brickwork and masonry	Sanitation (building)
Bridge construction	Scaffolding work
Building construction	Stonemasonry
Building engineering	Structural engineering
Building maintenance	Technical drawing
Building renovation	Water supply and sewerage engineering
Building technology	Water technology and engineering
Carpentry and joinery (building)	Ventilation (building)
Cement working	078 Inter-disciplinary programmes and qualifications involving engineering, manufacturing and construction
Civil engineering	0788 Inter-disciplinary programmes and qualifications involving engineering, manufacturing and construction
Construction equipment	079 Engineering, manufacturing and construction not elsewhere classified
Construction plant operation	0799 Engineering, manufacturing and construction not elsewhere classified
Construction technology	
Constructional engineering	
Constructional metalwork (building)	
Demolition	
Dock and harbour engineering	
Drawing, technical	
Excavation engineering	

08	Agriculture, forestry, fisheries and veterinary	Rye and wheat growing
080	Agriculture, forestry, fisheries and veterinary not further defined	Sheep farming
0800	Agriculture, forestry, fisheries and veterinary not further defined	Soil and water technician programmes
081	Agriculture	Soil fertility
0810	Agriculture not further defined	Soil science
0811	Crop and livestock production	Sugar cane growing
	Agricultural business/agribusiness operations	Vegetable plantation
	Agricultural economics	Wine growing
	Agricultural sciences	Vineyard construction
	Agriculture	Viticulture
	Agronomy and crop science	0812 Horticulture
	Animal breeding	Floriculture
	Animal husbandry	Gardening
	Animal training	Green keeping
	Basic skills in agriculture	Greenhouse operations
	Crop growing	Horticultural techniques
	Dog breeding	Horticulture
	Farm and ranch management	Landscape gardening
	Farm maintenance	Nursery management (horticulture)
	Farming	Ornamental plants production
	Fruit growing	Sports grounds maintenance
	Fruit production	Turf cultivation and management
	Goose keeping	0819 Agriculture not elsewhere classified
	Grain growing	082 Forestry
	Horse breeding	0821 Forestry
	Horse husbandry	Charcoal burning
	Irrigation techniques	Forest keeping
	Olive growing	Forest product techniques
	Orchards construction	Forest ranging
	Pig farming	Forestry
	Poultry husbandry	Hunting and trapping
	Race horse care	Logging
		Tree felling

083 Fisheries

0831 Fisheries

Aquaculture
Deep sea fishing
Fish breeding
Fish farms
Fish husbandry
Fishery
Fishery science and technology
Mariculture
Pearl cultivating
Sea food breeding
Shellfish breeding

084 Veterinary

0841 Veterinary

Animal health care
Animal reproduction (science)
Artificial insemination (of animals)
Veterinary assisting
Veterinary medicine
Veterinary nursing
Veterinary science

088 Inter-disciplinary programmes and qualifications involving agriculture, forestry, fisheries and veterinary

0888 Inter-disciplinary programmes and qualifications involving agriculture, forestry, fisheries and veterinary

089 Agriculture, forestry, fisheries and veterinary not elsewhere classified

0899 Agriculture, forestry, fisheries and veterinary not elsewhere classified

09 Health and welfare

090 Health and welfare not further defined

0900 Health and welfare not further defined

091 Health

0910 Health not further defined

0911 Dental studies

Clinical dentistry
Dental assisting
Dental hygiene
Dental laboratory technology
Dental nursing
Dental science
Dental surgery
Dental technology
Dentistry
Odontology
Oral surgery
Orthodontics

0912 Medicine

Anaesthetics
Anatomy
Audiology/hearing sciences
Bacteriology
Cardiology
Cytology
Dermatology
Epidemiology
Forensic medicine
Forensic pathology
General medicine
Gerontology
Gynaecology
Haematology
Histology
Immunology
Internal medicine
Medical science
Medical training

Medicine
Naturopathic medicine
Neurology
Obstetrics and gynaecology
Oncology
Ophthalmic
Ophthalmology
Paediatrics
Pathology
Physiology
Plastic surgery
Preventive and social medicine
Psychiatry
Stomatology
Surgery
Training of doctors
Training of physicians

0913 Nursing and midwifery

Assistant nursing
Basic nursing
Community nursing
General nursing
Gerontological services
Health care of old people
Health care of the disabled
Health care programmes
Hygiene, medical
Infant hygiene (nursing)
Midwifery
Mother craft nursing
Nursing
Nursing aide/Orderly
Psychiatric nursing
Specialised nursing

0914 Medical diagnostic and treatment technology

Ambulance service
Ambulance technology
Auditory prosthetics
Emergency para-medical technologies
Forensic medicine technology
Hearing aid technology
Medical laboratory technology
Medical technology
Nuclear medicine technologies
Optical lens making
Optical prosthetics
Optical technology
Orthopaedic prosthetics
Prosthetic technology
Radiography
Radiology technology
Radiotherapy
X-ray technology (medical)

0915 Therapy and rehabilitation

Chiropractice
Dietician programmes
Massage (medical)
Mental health services
Nutrition and dietetics
Occupational therapy
Optometry
Osteopathy
Physiotherapy
Reflexology
Rehabilitation
Speech pathology and therapy
Vocational rehabilitation

0916 Pharmacy

Dispensing pharmacy
Pharmacy

0917 Traditional and complementary medicine and therapy

Acupuncture and oriental medicine
Aromatherapy
Ayurvedic medicine
Herbalism
Herbology
Holistic medicine
Homeopathic medicine
Traditional medicine, for example Chinese

0919 Health not elsewhere classified

092 Welfare

0920 Welfare not further defined

0921 Care of the elderly and of disabled adults

Care (non-medical) of the elderly
Non-medical care of disabled adults
Personal care of adults

0922 Child care and youth services

Child care (non-medical)
Child recreation programmes
Day care
Non-medical care of disabled children
Youth recreation programmes
Youth services
Youth worker programmes

0923 Social work and counselling

Alcohol and drug abuse counselling
Alcohol, tobacco, drugs (knowledge about)
Career advising
Counselling

Crisis support
Family and marriage counselling
Maltreatment (knowledge about)
Mobbing (knowledge about)
Parole officer training
Probation officer training
Social care
Social policy
Social practice
Social theory (applied)
Social work (welfare)
Vocational counselling
Vocational guidance

0929 Welfare not elsewhere classified

098 Inter-disciplinary programmes and qualifications involving health and welfare

0988 Inter-disciplinary programmes and qualifications involving health and welfare

099 Health and welfare not elsewhere classified

0999 Health and welfare not elsewhere classified

10 Services

100 Services not further defined

1000 Services not further defined

101 Personal services

1010 Personal services not further defined

1011 Domestic services

Caretaking, housekeeping, home service
Chimney sweeping
Cleaning
Cooking (home)
Custodian/caretaker
Domestic science

Dry-cleaning	Waiting and bar service
Funeral services and mortuary science	1014 Sports
Home economics	Bookmaking (horses etc)
Laundry	Diving (sport)
Needlework (home)	Football playing
Sewing (home)	Gymnastics
Window cleaning	Jockeying
1012 Hair and beauty services	Physical training (sports)
Barbering	Sport leadership
Beauty therapy	Sport trainer studies
Cosmetic services	Sports
Cosmetology	Sports coaching
Fitness and weight control	Sports instructor training
Fitness services	Umpires and other sports officials
Hairdressing	1015 Travel, tourism and leisure
Make-up	Abseiling (leisure)
Manicure	Adventure based activities
Massage (beauty)	Ground crew training (airports)
Pedicure	Guiding, tour leading
Salon services (beauty therapy)	Leisure and tourism
Wig making	Recreation and leisure
1013 Hotel, restaurants and catering	Recreation management
Bar service	Tourism
Bartender/mixologist	Tourist trades
Catering	Travel agency services
Cooking (restaurant and hotel-type)	Travel and tourism
Croupier training	Travel services
Culinary arts	1019 Personal services not elsewhere classified
Fast food preparation	102 Hygiene and occupational health services
Food and hospitality services	1020 Hygiene and occupational health services not further defined
Food serving	1021 Community sanitation
Hospitality services	Garbage disposal
Hotel and restaurant studies	Hygiene, community
Hotel receptionist training	
Hotel services	

Hygienic standards	Fire-protection (fire-fighting)
Refuse collection	Fire technology
Refuse/sewage disposal	Law enforcement
Sanitation, community	Life guarding
Street cleaning	Police work
Water supply (service)	Policing studies
Waste management	Prison work
1022 Occupational health and safety	Public security
Ergonomics (occupational health and safety)	Security and loss prevention services
Health and safety in the work place	Security guarding
Industrial welfare	1039 Security services not elsewhere classified
Job safety	104 Transport services
Labour protection	1041 Transport services
Labour security	Air crew (flying and navigation)
Labour welfare (safety)	Air traffic control
Occupational health and industrial hygiene	Air traffic safety
Occupational health and safety	Aircraft operation
Stress management	Aviation
Work environment	Bus and coach driving
1029 Hygiene and occupational health services not elsewhere classified	Cabin crew training
103 Security services	Communications (air, railway, road etc.)
1030 Security services not further defined	Crane and truck driving
1031 Military and defence	Driving training
Army training	Flying and navigation
Defence studies	Fork-lift truck driving
Military science	Mail operations
National security	Nautical science
Navy training	Navigation technologies
War theory	Postal services
1032 Protection of persons and property	Railway operations
Civil security	Road motor vehicle operations
Customs programmes	Seamanship
Diving (professional)	Seamen's programmes/qualifications
	Ship operation

Shipping	109 Services not elsewhere classified
Stewardess/steward training (air)	1099 Services not elsewhere classified
Transport studies	99 Field unknown
Truck driving	999 Field unknown
108 Inter-disciplinary programmes and qualifications involving services	9999 Field unknown
1088 Inter-disciplinary programmes and qualifications involving services	

Appendix III

Alphabetical list

A	0923 Alcohol and drug abuse counselling
1015 Abseiling (leisure)	0923 Alcohol, tobacco, drugs (knowledge about)
0411 Accounting	0541 Algebra
0533 Acoustics	0914 Ambulance service
0215 Acting and directing	0914 Ambulance technology
0542 Actuarial science	0912 Anaesthetics
0917 Acupuncture and oriental medicine	0531 Analytical chemistry
0413 Administration	0912 Anatomy
0415 Administrative and secretarial services	0811 Animal breeding
1015 Adventure based activities	0841 Animal health care
0414 Advertising	0811 Animal husbandry
0113 Adult literacy and numeracy teacher training	0841 Animal reproduction (science)
0716 Aeronautical engineering	0811 Animal training
0716 Aerospace engineering	0211 Animation
0213 Aesthetics	0541 Applied mathematics
0811 Agricultural business/agribusiness operations	0542 Applied statistics
0811 Agricultural economics	0831 Aquaculture
0811 Agricultural sciences	0222 Archaeology
0811 Agriculture	0731 Architectural urban design and planning
0716 Agriculture machinery mechanics	0731 Architecture
0811 Agronomy and crop science	0322 Archival sciences
1041 Air crew (flying and navigation)	0031 Argumentation and presentation
0712 Air pollution control	1031 Army training
1041 Air traffic control	0917 Aromatherapy
1041 Air traffic safety	0213 Art history
0713 Air-conditioning programmes	0213 Art studies
0716 Aircraft engineering	0213 Art theory
0716 Aircraft maintenance	0841 Artificial insemination (of animals)
1041 Aircraft operation	0912 Artificial insemination (of humans)
	0619 Artificial intelligence
	0031 Assertiveness training

0913 Assistant nursing
0533 Astronomy
0533 Astrophysics
0532 Atmospheric sciences
0416 Auctioneering
0912 Audiology/hearing sciences
0211 Audio-visual techniques and media production
0411 Auditing
0914 Auditory prosthetics
0714 Automation
0716 Automotive electrical systems
0716 Automotive engineering
1041 Aviation
0716 Avionics
0917 Ayurvedic medicine

B

0912 Bacteriology
0721 Baking
0215 Ballet
0412 Bank teller studies
0412 Banking and finance
1013 Bar service
1012 Barbering
1013 Bartender/mixologist
0913 Basic nursing
0011 Basic programmes and qualifications
0021 Basic remedial programmes for youth or adults
0811 Basic skills in agriculture
1012 Beauty therapy
0721 Beer brewing
0310 Behavioural sciences
0715 Bicycle production

0715 Bicycle repair
0211 Binding and finishing (printing)
0711 Biochemical technologies
0512 Biochemistry
0512 Biological chemistry
0511 Biology
0511 Biometrics
0533 Biophysics
0512 Biotechnology
0711 Biotechnology engineering
0722 Boat building (non-motor)
0715 Boilermaking and welding
0211 Bookbinding
0411 Bookkeeping
1014 Bookmaking (horses etc)
0511 Botany
0721 Brewing
0732 Bricklaying
0732 Brickwork and masonry
0732 Bridge construction
0011 Broad generic (non-specialised) programmes and qualifications
0321 Broadcast journalism
0714 Broadcasting electronics
0732 Building construction
0731 Building design
0732 Building engineering
0732 Building maintenance
0732 Building renovation
0732 Building technology
1041 Bus and coach driving
0413 Business administration
0415 Business correspondence
0412 Business finance
0721 Butchery

0416 Buying and selling

C

1041 Cabin crew training

0722 Cabinet making

0213 Calligraphy

0211 Camera operating

0722 Cane, willow and bamboo work

0912 Cardiology

0921 Care (non-medical) of the elderly

0921 Care (non-medical) of disabled adults

0922 Care (non-medical) of disabled children

0923 Career advising

1011 Caretaking, housekeeping, home service

0722 Carpentry (furniture)

0732 Carpentry and joinery (building)

0731 Cartography

1013 Catering

0511 Cell biology

0512 Cell technology

0732 Cement working

0214 Ceramics (craft)

0722 Ceramics (industrial)

0821 Charcoal burning

0721 Cheese production

0711 Chemical engineering

0533 Chemical physics

0711 Chemical process engineering

0531 Chemistry

0922 Child care (non-medical)

0922 Children recreation programmes

1011 Chimney sweeping

0915 Chiropractice

0215 Choreography

0211 Cinematography

0215 Circus

0731 City planning

0312 Civics

0732 Civil engineering

1032 Civil security

0113 Class teacher training

0231 Classical languages

1011 Cleaning

0415 Clerical programmes

0417 Clients' needs

0713 Climate engineering

0532 Climate research

0911 Clinical dentistry

0912 Clinical medicine

0723 Clothing industry

0723 Clothing trades

0723 Clothing, apparel and textile working

0031 Co-operation

0716 Coachwork

0724 Coal mining

0313 Cognitive sciences

0421 Commercial law

0321 Communication, mass- (wording and content)

1041 Communications (air, railway, road etc.)

0714 Communications equipment installation

0714 Communications equipment maintenance

0031 Communications skills

0714 Communications systems

0731 Community development

0913 Community nursing

0731 Community planning

0417 Company knowledge

0232 Comparative literature	1011 Cooking (home)
0211 Compositing (printing)	1013 Cooking (restaurant and hotel-type)
0215 Composition (music)	0031 Co-operation skills
0211 Composition equipment operating	1012 Cosmetic services
0612 Computer administration and management	1012 Cosmetology
0714 Computer engineering	0212 Costume design
0211 Computer game production	0923 Counselling
0211 Computer graphics	0415 Court reporting
0612 Computer media applications	0214 Craft programmes
0612 Computer network installation and maintenance	0214 Crafts, folk arts and artisan
0613 Computer programming	0215 Creative and performance art
0714 Computer repairing	1041 Crane and truck driving
0613 Computer science	0232 Creative writing
0611 Computer software use	0421 Criminal justice studies
0612 Computer support	0314 Criminology
0613 Computer systems analysis	0923 Crisis support
0613 Computer systems design	0811 Crop growing and husbandry
0211 Computer type-setting	1013 Croupier training
0611 Computer use	1013 Culinary arts
0215 Conducting (music)	0314 Cultural geography
0721 Confectionery	0222 Cultural history
0522 Conservation and land management	0314 Cultural studies
0214 Conservation of cultural material	0322 Curatorial studies
0732 Construction equipment	0111 Curriculum development (theory)
0732 Construction plant operation	0111 Curriculum studies
0732 Construction technology	1011 Custodian/caretaker
0732 Constructional engineering	0723 Custom tailoring
0732 Constructional metalwork (building)	0417 Customer service training
0414 Consumer behaviour	1032 Customs programmes
1011 Consumer economics	0723 Cutting and tailoring
0416 Consumer services	0912 Cytology
0313 Conversational therapy	
0714 Control engineering	D
	0721 Dairy foods (industrial)
	0416 Dairy retailing

0721 Dairy science	0211 Disc jockey training
0215 Dance	0916 Dispensing pharmacy
0541 Data analysis (mathematics)	0111 Distance education methodology
0415 Data entry	0721 Distilling
0714 Data processing technology	1032 Diving (professional)
0612 Database administrator studies	1014 Diving (sport)
0922 Day care (children)	0732 Dock and harbour engineering
0921 Day care (adults)	0322 Documentation
0214 Decorative metal crafts	0811 Dog breeding
0831 Deep sea fishing	1011 Domestic science
1031 Defence studies	0215 Drama
0314 Demography/population studies	0213 Drawing (artistic)
0732 Demolition	0732 Drawing, technical
0416 Demonstration techniques	0723 Dressmaking
0911 Dental assisting	0724 Drilling (industrial)
0911 Dental hygiene	0114 Driver and safety teacher education
0911 Dental laboratory technology	0114 Driving instructor training
0911 Dental nursing	1041 Driving training
0911 Dental science	1011 Dry-cleaning
0911 Dental surgery	
0911 Dental technology	E
0911 Dentistry	0112 Early childhood teaching (within formal school settings)
0912 Dermatology	0532 Earth science
0212 Design	0712 Ecological technology
0212 Design of industrial products (artistic)	0521 Ecology
0211 Desktop publishing	0311 Econometrics
0313 Development and child psychology	0311 Economic history
0031 Development of behavioural skills	0311 Economics
0031 Development of mental skills	0311 Economics, business
0031 Development of personal organisational capacities	0321 Editing (newspapers)
0111 Didactics	0110 Education (not further defined)
0915 Dietician programmes	0111 Education science
0714 Digital technology	0111 Education technology
0215 Directing (theatre)	

0111 Educational assessment, testing and measurement
0111 Educational evaluation and research
0413 Educational management
0913 Elder care, health
0713 Electrical appliances repairing
0713 Electrical engineering
0713 Electrical fitting
0713 Electrical power generation
0713 Electrical trades
0714 Electronic data processing
0714 Electronic engineering
0714 Electronic equipment servicing
0113 Elementary teacher education
0215 Elocution
0214 Embroidery (craft)
0723 Embroidery and needlework (industrial)
0914 Emergency para-medical technologies
0413 Employment management
0712 Energy efficiency
0713 Energy studies
0031 Enhancing personal skills
0511 Entomology
0413 Entrepreneurship
0712 Environmental control
0712 Environmental engineering
0712 Environmental protection technology
0521 Environmental science
0912 Epidemiology
1022 Ergonomics (occupational health and safety)
0213 Etching (artistic)
0223 Ethics
0314 Ethnology
0732 Excavation engineering

0231 Exogenous languages

F

0923 Family and marriage counselling
0031 Family life development training
0811 Farm and ranch management
0811 Farm maintenance
0811 Farming
0212 Fashion design
0215 Fashion modelling
1013 Fast food preparation
0214 Fibre, textile and weaving arts
0211 Film and video production
0211 Film and TV editing
0412 Finance
0412 Financial management
0213 Fine art printmaking
0213 Fine arts
1032 Fire-protection (fire-fighting)
1032 Fire technology
0232 First language studies
0831 Fish breeding
0831 Fish farming
0831 Fish husbandry
0831 Fishery science and technology
1012 Fitness and weight control
1012 Fitness services
0114 Flight instructor training
0732 Floor and wall tiling
0732 Floor covering
0812 Floriculture
0214 Floristry (flower arranging)
1041 Flying and navigation
0222 Folklore studies
0721 Food and drink processing

1013 Food and hospitality services	0713 Gas distribution
0721 Food handling/hygiene	0314 Gender studies
0721 Food preparation	0912 General medicine
0721 Food preservation	0913 General nursing
0721 Food processing industry	0011 General programmes and qualification with no specific subject emphasis
0721 Food science and technology	0511 Genetics
1013 Food serving	0512 Genetic code (DNA, RNA) studies
0721 Food techniques	0512 Genetic engineering
1014 Football playing	0532 Geodesy
0723 Footwear making	0532 Geographic information systems (GIS)
0231 Foreign languages (acquisition of)	0532 Geography (nature)
0415 Foreign language secretary programmes	0532 Geography (physical)
0912 Forensic medicine	0314 Geography (social)
0914 Forensic medicine technology	0532 Geoinformatics
0912 Forensic pathology	0532 Geology
0512 Forensic science	0532 Geomatics
0821 Forest keeping	0541 Geometry
0821 Forest product techniques	0532 Geophysics
0821 Forest ranging	0532 Geoscience
0821 Forestry	0532 Geospatial technology
1041 Fork-lift truck driving	0913 Gerontological services
0811 Fruit growing	0912 Gerontology
0021 Functional literacy	0214 Glass arts and craft
1011 Funeral services and mortuary science	0722 Glass production
0723 Fur making	0722 Glass working (industrial)
0722 Furniture crafts	0732 Glazing
0722 Furniture making	0214 Goldsmithing
0723 Furrier	0811 Goose keeping
0314 Futurology	0811 Grain growing
	0211 Graphic design
G	0211 Graphic reproduction
1021 Garbage disposal	0812 Greenhouse operations
0812 Gardening	0812 Green keeping
0723 Garment production	1015 Ground crew training (airport)

1015 Guiding, tour leading

0715 Gunsmithing

1014 Gymnastics

0912 Gynaecology

H

0912 Haematology

1012 Hairdressing

0214 Handicrafts

0413 Health administration

1022 Health and safety in the work place

0913 Health care of the elderly

0913 Health care of the disabled

0913 Health care programmes

0914 Hearing aid technology

0713 Heating trades

0917 Herbalism

0917 Herbology

0716 Helicopter construction

0912 Histology

0222 History

0222 History and philosophy of science and technology

0213 History of art

0215 History of film and theatre

0421 History of law

0222 History of literature

0222 History of medicine

0215 History of music

0222 History of science and ideas

0222 History of technology

0917 Holistic medicine

1011 Home economics

0114 Home language teacher training

0917 Homeopathic medicine

0811 Horse breeding

0811 Horse husbandry

0812 Horticultural techniques

0812 Horticulture

1013 Hospitality services

1013 Hotel and restaurant studies

1013 Hotel receptionist training

1013 Hotel services

0732 House building

0314 Human geography

0412 Human resources management

0312 Human rights

0821 Hunting and trapping

0715 Hydraulics

0532 Hydrogeology

0532 Hydrology

1021 Hygiene, community

0913 Hygiene, medical

1021 Hygienic standards

I

0211 Illustration

0912 Immunology

0113 Indigenous crafts

0232 Indigenous language studies

0421 Indigenous law

0113 Indigenous teacher training

0732 Industrial abseiling (commercial)

0721 Industrial bakery/flour production

0212 Industrial design (artistic)

0722 Industrial diamond production

0712 Industrial discharge control

0417 Industrial relations

1022 Industrial welfare

0913 Infant hygiene (nursing)

0613 Informatics (computer science)
0321 Information (wording and content)
0415 Information processing/data entry
0322 Information science
0322 Information searching
0612 Information technology administration
0612 Information technology security
0532 Inorganic chemistry
0732 Insulation
0412 Insurance
0211 Interactive media design
0212 Interior architecture
0212 Interior decorating
0212 Interior design
0912 Internal medicine
0311 International economics
0312 International relations
0611 Internet use programmes
0231 Interpretation programmes
0417 Introductory courses at work
0412 Investment analysis
0412 Investments and securities
0732 Irrigation and drainage (construction)
0811 Irrigation techniques
0421 Islamic sharia law

J

0214 Jewellery design
0214 Jewellery making (craft)
1022 Job safety
0031 Job-seeking programmes
1014 Jockeying
0732 Joinery and carpentry (building)
0321 Journalism
0421 Jurisprudence

K

0415 Keyboard skills
0723 Knitting (industrial)

L

0711 Laboratory assistant programmes
0711 Laboratory technician programmes
0711 Laboratory technology
0421 Labour law
1022 Labour protection
1022 Labour security
1022 Labour welfare (safety)
0731 Land surveying
0731 Landscape architecture
0812 Landscape gardening
0231 Language acquisition
0214 Lapidary and jewellery
1011 Laundry
0421 Law
1032 Law enforcement
0211 Lay-out
0723 Leather goods production
0723 Leather processing
0723 Leather trades
0421 Legal practice
0415 Legal secretary programmes
0421 Legal studies
1015 Leisure and tourism
0322 Librarianship training
0322 Library programmes
1032 Life guarding
0031 Life orientation programmes
0511 Life sciences
0511 Limnology

0232 Linguistics, general
0021 Literacy
0021 Literacy and numeracy
0232 Literature
0222 Literature history
0213 Lithography
0413 Local public administration
0715 Locksmithing and safe repairing
0223 Logic
0821 Logging
0413 Logistic management
0113 Lower secondary teacher training

M

0311 Macro economics
1041 Mail operations
0812 Maintaining sports turf
1012 Make-up
0923 Maltreatment (knowledge about)
0413 Management of education
0413 Management science
0413 Management skills
0415 Management support services
1012 Manicure
0831 Mariculture
0716 Marine construction
0716 Marine engineering
0532 Marine science
0716 Maritime engineering
0414 Market research
0414 Marketing
0732 Masonry and tile setting
0321 Mass communication (wording and content)
1012 Massage (beauty)

0915 Massage (medical)
0542 Mathematical (theoretical) statistics
0541 Mathematics
0721 Meat processing
0715 Mechanical engineering
0715 Mechanical trades
0211 Media techniques
0914 Medical laboratory technology
0533 Medical physics
0912 Medical science
0415 Medical secretary programmes
0914 Medical technology
0912 Medical training
0912 Medicine
0222 Medieval and renaissance studies
0915 Mental health services
0414 Merchandising
0715 Metal casting and patternmaking
0715 Metal fitting, turning and machining
0715 Metal trades
0715 Metallurgical engineering
0715 Metallurgical technology
0532 Meteorology
0511 Microbiology
0715 Micromechanics
0913 Midwifery
1031 Military science
0724 Mineral technology
0532 Mineralogy
0724 Mining engineering
0724 Mining of minerals
0724 Mining technology
0923 Mobbing (knowledge about)
0511 Molecular biology
0223 Morals

0913 Mother craft nursing
0716 Motorcycle engineering
0716 Motorcycle mechanics
0211 Multimedia production
0322 Museology
0322 Museum documentation
0322 Museum studies
0215 Music
0215 Music conducting
0214 Musical instruments (making, repairing and tuning)
0215 Musicology
0511 Mycology

N

0719 Nanotechnology
0311 National accounts
0522 National parks and wildlife management
1031 National security
0522 Nature conservation
0912 Naturopathic medicine
1041 Nautical science
0716 Naval engineering
1041 Navigation technologies
1031 Navy training
0214 Needle craft
1011 Needlework (home)
0612 Network administration
0612 Network design (computers)
0714 Network technology
0912 Neurology
0321 News reporting
0712 Noise pollution control
0421 Notary/Notary's practise
0914 Nuclear medicine technologies

0533 Nuclear physics
0713 Nuclear, hydraulic and thermal energy
0021 Numeracy
0541 Numerical analysis
0812 Nursery management (horticulture)
0913 Nursing
0913 Nursing aide/Orderly
0114 Nursing teacher training
0915 Nutrition and dietetics
0915 Nutrition science

O

0912 Obstetrics and gynaecology
1022 Occupational health and industrial hygiene
1022 Occupational health and safety
0915 Occupational therapy
0532 Ocean life sciences
0532 Oceanography
0911 Odontology
0415 Office automation
0413 Office management
0724 Oil and gas drilling
0724 Oil and gas extraction
0711 Oil refining
0711 Oil/gas/petrochemicals processing
0811 Olive growing
0912 Oncology
0613 Operating systems (IT)
0415 Operation of office machines
0541 Operational research
0912 Ophthalmology
0914 Optical lens making
0914 Optical prosthetics
0914 Optical technology

0533 Optics
0915 Optometry
0911 Oral surgery
0811 Orchards construction
0531 Organic chemistry
0417 Organisation at work
0413 Organisational theory and behaviour
0812 Ornamental plant production
0511 Ornithology
0911 Orthodontics
0914 Orthopaedic prosthetics
0915 Osteopathy

P

0912 Paediatrics
0111 Paedagogical sciences (education)
0213 Painting (art)
0732 Painting and wall covering
0532 Palaeontology
0716 Panel beating
0722 Paper manufacturing and processing
0421 Para-legal studies
0511 Parasitology
0031 Parenting courses
0923 Parole officer training
0721 Pastry cooking
0912 Pathology
0312 Peace and conflict studies
0831 Pearl cultivating
1012 Pedicure
0723 Pelt worker
0412 Pension insurance
0413 Performance appraisal
0215 Performing arts
0921 Personal care of adults

0031 Personal career planning
0031 Personal development
0031 Personal skills
0413 Personnel administration
0413 Personnel management
0531 Petrology
0512 Pharmacology
0916 Pharmacy
0232 Philology (first language)
0223 Philosophy
0213 Philosophy of art
0231 Phonetics
0211 Photo developing
0211 Photography
0114 Physical education teacher training
0531 Physical chemistry
1014 Physical training (sports)
0533 Physics
0912 Physiology
0915 Physiotherapy
0214 Picture framing
0811 Pig farming
0732 Pipe fitting
0533 Planetary sciences
0711 Plant and machine operation (processing)
0732 Plastering (building)
0722 Plastic manufacturing
0912 Plastic surgery
0732 Plumbing
1032 Police work
1032 Policing studies
0311 Political economics
0312 Political history
0312 Political science

0312 Politics
0531 Polymer chemistry
0031 Positive thinking
1041 Postal services
0811 Poultry husbandry
0713 Power production
0713 Power line installation and maintenance
0110 Practical paedagogical courses
0211 Pre-press operations
0112 Pre-primary teacher training
0715 Precision mechanics
0031 Presentation skills
0222 Preservation of artistic heritage
0912 Preventive and social medicine
0011 Primary level programmes and qualifications
0113 Primary teaching (without subject specialisation)
0211 Print finishing and binding
0211 Printing
0211 Printing machining
1032 Prison work
0542 Probability theory
0923 Probation officer training
0711 Process technology
0812 Production of ornamental plants
0613 Programming (computer)
0613 Programming languages (Visual Basic, C++ etc.)
0613 Programming languages development
0416 Property sales
0914 Prosthetic technology
0913 Psychiatric nursing
0912 Psychiatry
0313 Psychoanalysis
0313 Psychology

0313 Psychotherapy
0413 Public administration
0413 Public and institution management
0312 Public policy studies
0414 Public relations
1032 Public security
0031 Public speaking
0321 Publishing (dissemination of messages)
0211 Publishing design
0416 Purchasing
0416 Purchasing, procurement and contracts
0541 Pure mathematics

Q

0417 Quality assurance
0413 Quality management
0732 Quantity surveying
0724 Quarry supervision

R

0811 Race horse care
0211 Radio and TV production
0914 Radiography
0914 Radiology technology
0914 Radiotherapy
1041 Railway operations
0724 Raw material extraction
0416 Real-estate business
0415 Receptionist training
0211 Recorded music production
1015 Recreation and leisure
1015 Recreation management
0413 Recruitment
0712 Recycling
0915 Reflexology

0713 Refrigeration	1032 Security and loss prevention services
1021 Refuse collection	1032 Security guarding
1021 Refuse/sewage disposal	0532 Seismology
0314 Regional cultures	0031 Self-esteem skills
0915 Rehabilitation	0031 Self-confidence
0221 Religion	0231 Semantics, foreign languages
0221 Religious history	0232 Semantics, first language
0221 Religious studies	1011 Sewing (home)
0321 Reporting (news)	0723 Sewing (industrial)
0416 Retailing	0831 Shellfish breeding
0732 Road building	0811 Sheep farming
1041 Road motor vehicle operations	0715 Sheet metal working
0714 Robotics	1041 Ship operation
0732 Roof fixing	0716 Shipbuilding
0722 Rubber processing	1041 Shipping
0731 Rural development	0723 Shoemaking and repairing
0811 Rye and wheat growing	0415 Shorthand
	0231 Sign language interpreting
S	0231 Sign languages
0221 Sacred books, study of	0214 Silversmithing
0723 Saddlery	0031 Simple literacy
0414 Sales and marketing	0213 Sketching (art)
0416 Sales representatives	0723 Skins and leather production
1012 Salon services (beauty therapy)	0314 Social anthropology
0732 Sanitation (building)	0923 Social care
1021 Sanitation (community)	0031 Social competence
0732 Scaffolding work	0314 Social conflict theory
0211 Screen printing	0314 Social geography
0213 Sculpture	0412 Social insurance
0831 Sea food breeding	0923 Social policy
1041 Seamanship	0923 Social practice
1041 Seamen's programmes	0310 Social sciences
0231 Second languages	0923 Social theory (applied)
0114 Secondary teaching	0923 Social work (welfare)
0415 Secretarial programmes	0314 Sociology

0723 Soft furnishings

0613 Software development

0611 Software for calculating (spreadsheets), use of

0611 Software for data processing, use of

0611 Software for desktop publishing, use of

0611 Software for word processing, use of

0613 Software localisation

0613 Software programming

0613 Software testing

0522 Soil and water conservation

0811 Soil and water technician programmes

0811 Soil fertility

0811 Soil science

0713 Solar energy

0713 Solar power

0211 Sound and vision

0211 Sound techniques

0533 Space science

0113 Special education teaching

0913 Specialised nursing

0114 Specialised subject teaching

0232 Speech and rhetorical studies (first language)

0915 Speech pathology and therapy

0723 Spinning (industrial)

1014 Sport leadership

1014 Sport trainer training

1014 Sports

1014 Sports coaching

1014 Sports instructor training

0812 Sports grounds maintenance

0212 Stage designing

0413 Start your own business-courses

0542 Statistics

0715 Steel production

0415 Stenography

1041 Stewardess/steward training (air)

0412 Stock-broking

0416 Stock-keeping

0912 Stomatology

0214 Stone carving (craft)

0722 Stone cutting, precious

0732 Stonemasonry

1021 Street cleaning

1022 Stress management

0731 Structural architecture

0732 Structural engineering

0811 Sugar cane growing

0413 Supply change management

0912 Surgery

0542 Survey design

0542 Survey sampling

0731 Surveying

0415 Switchboard operating

0722 Synthetic fibre manufacturing

T

0723 Tailoring

0411 Tax accounting

0411 Tax management

0110 Teacher training

0112 Teacher training, pre-school

0113 Teacher training, primary

0113 Teacher training, lower secondary (without subject specialisation)

0114 Teacher training courses for university teachers

0114 Teacher training in arts and crafts

0114 Teacher training in commercial subjects

0114 Teacher training in music
0114 Teacher training in nursing
0114 Teacher training in physical training
0114 Teacher training in second languages
0114 Teacher training in specific theoretical subjects (e.g. mathematics, history)
0114 Teacher training in technical subjects
0114 Teacher training in vocational subjects
0114 Teacher training with subject specialisation
0113 Teacher training without subject specialisation
0031 Teamwork
0732 Technical drawing
0114 Technical teaching
0710 Technology
0714 Telecommunication technology
0416 Telephone selling
0714 Television and radio repairing
0723 Textile techniques
0723 Textile trades
0723 Textiles, clothing and footwear
0215 Theatre
0221 Theology
0212 Three dimensional design
0722 Timber technology
0031 Time management
0512 Tissue culture technology
0721 Tobacco processing
0715 Tool and die making
0731 Topography
1015 Tourism
0731 Town and country planning
0512 Toxicology
0417 Trade union courses (general)
0917 Traditional medicine

0716 Train repair and maintenance
0413 Training management
0912 Training of doctors
0114 Training of driving instructors
0912 Training of physicians
0114 Training of trainers (with subject specialisation)
0113 Training of trainers (without subject specialisation)
0231 Translation programmes
1041 Transport studies
1015 Travel agency services
1015 Travel and tourism
1015 Travel services
0821 Tree felling
1041 Truck driving
0812 Turf cultivation
0812 Turf management
0211 Type-setting
0415 Typing

U

1014 Umpires and other sports officials
0723 Upholstery
0731 Urban planning
0731 Urban studies

V

0716 Varnishers/sprayers (vehicles)
0811 Vegetable plantation
0716 Vehicle and motor engineering
0716 Vehicle building
0716 Vehicle diagnostics
0716 Vehicle electrical systems
0716 Vehicle mechanics

0716 Vehicle painting
0716 Vehicle repairing
0716 Vehicle trimming
0716 Vehicle varnishers/sprayers
0732 Ventilation (building)
0841 Veterinary assisting
0841 Veterinary medicine
0841 Veterinary nursing
0841 Veterinary science
0811 Vineyard construction
0512 Virology
0811 Viticulture
0923 Vocational counselling
0923 Vocational guidance
0915 Vocational rehabilitation
0532 Vulcanology

W

1013 Waiting and bar service
1031 War theory
0416 Ware-housing
1021 Waste management
0715 Watchmaking
0712 Water pollution control
1021 Water supply (service)
0732 Water supply and sewerage engineering
0732 Water technology and engineering
0214 Weaving (craft)
0723 Weaving (industrial)
0612 Web design (Internet)
0715 Welding
0416 Wholesaling

1012 Wig making
0522 Wildlife management
0522 Wildlife ranger studies
1011 Window cleaning
0212 Window dressing
0713 Wind turbines
0811 Wine growing
0721 Wine production
0721 Wine science
0721 Wine storing/maturing
0314 Women's studies
0722 Wood machining and turning
0722 Wood technology
0214 Woodcarving
0722 Woodwork trades
0722 Woodworking and carpentry
0723 Wool science
0417 Work development
1022 Work environment
0417 Work place skills
0417 Working life

X

0914 X-ray technology (medical)

Y

0922 Youth recreation programmes
0922 Youth services
0922 Youth worker programmes

Z

0511 Zoology