



International Standard Classification of Education: Fields of Education and Training 2013

Detailed field descriptions

May 2015

Detailed field descriptions

This 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 decision making.

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 mathematics and statistics

0588 Inter-disciplinary programmes and qualifications involving 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 fields of education and training (ISCED-F 2013): Full 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

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
 Print finishing and binding
 Printing
 Printing machining
 Publishing design
 Radio and TV production
 Recorded music production
 Sound and vision
 Sound techniques
 Type-setting

0212 Fashion, interior and industrial design

Costume design
 Design
 Design of industrial products (artistic)
 Fashion design
 Industrial design (artistic)
 Interior architecture
 Interior decorating
 Interior design
 Stage designing
 Three dimensional design
 Window dressing

0213 Fine arts

Aesthetics
 Art history
 Art studies
 Art theory
 Calligraphy
 Drawing (artistic)
 Etching (artistic)
 Fine art printmaking
 History of art
 Lithography

Painting (art)

Philosophy of art

Sculpture

Sketching (art)

0214 Handicrafts

Ceramics (craft)

Conservation of cultural material

Craft programmes

Crafts, folk arts and artisan

Decorative metal crafts

Embroidery (craft)

Fibre, textile and weaving arts

Floristry (flower arranging)

Glass arts and craft

Goldsmithing

Handicrafts

Indigenous crafts

Jewellery design

Jewellery making (craft)

Lapidary and jewellery

Making of musical instruments (not industrial)

Musical instruments (repairing and tuning)

Needle craft

Picture framing

Silversmithing

Stone carving (craft)

Weaving (craft)

Woodcarving

0215 Music and performing arts

Acting and directing

Ballet

Choreography

Circus

Composition (music)

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
 Personnel management
 Public administration
 Public and institution management
 Quality management
 Recruitment
 'Start your own business' courses
 Supply change management
 Training management

0414 Marketing and advertising

Advertising
 Consumer behaviour
 Market research
 Marketing
 Merchandising
 Public relations
 Sales and marketing

0415 Secretarial and office work

Administrative and secretarial services
 Business correspondence
 Clerical programmes
 Court reporting
 Data entry
 Foreign language secretary programmes
 Information processing/data entry
 Keyboard skills
 Legal secretary programmes
 Management support services
 Medical secretary programmes
 Office automation
 Operation of office equipment
 Receptionist training
 Secretarial programmes
 Shorthand
 Stenography

Switchboard operating
 Typing

0416 Wholesale and retail sales

Auctioneering
 Buying and selling
 Consumer services
 Dairy retailing
 Demonstration techniques
 Property sales
 Purchasing
 Purchasing, procurement and contracts
 Real-estate business
 Retailing
 Sales representatives
 Stock-keeping
 Telephone selling
 Ware-housing
 Wholesaling

0417 Work skills

Clients' needs
 Company knowledge
 Customer service training
 Industrial relations
 Introduction to work courses
 Organisation at work
 Quality assurance
 Trade union courses (general)
 Work development
 Work place skills
 Working life

0419 Business and administration not elsewhere classified

042 Law

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
 Precision mechanics
 Sheet metal working
 Steel production
 Tool and die making
 Watchmaking
 Welding

0716 Motor vehicles, ships and aircraft

Aeronautical engineering
 Aerospace engineering
 Agriculture machinery mechanics
 Aircraft engineering
 Aircraft maintenance

Automotive electrical systems
 Automotive engineering
 Avionics
 Coachwork
 Helicopter construction
 Marine construction
 Marine engineering
 Maritime engineering
 Motorcycle engineering
 Motorcycle mechanics
 Naval engineering
 Panel beating
 Shipbuilding
 Train repair and maintenance
 Vehicle and motor engineering
 Vehicle building
 Vehicle diagnostics
 Vehicle electrical systems
 Vehicle mechanics
 Vehicle painting
 Vehicle repairing
 Vehicle trimming
 Vehicle varnishers/sprayers

0719 Engineering and engineering trades not elsewhere classified

Nanotechnology

072 Manufacturing and processing

0720 Manufacturing and processing not further defined

0721 Food processing

Baking
 Brewing
 Butchery
 Cheese production
 Confectionery
 Dairy foods (industrial)
 Dairy science
 Distilling
 Food and drink processing
 Food handling/hygiene

Food preparation
 Food preservation
 Food processing industry
 Food science
 Food science and technology
 Food techniques
 Industrial bakery/flour production
 Meat processing
 Pastry cooking
 Tobacco processing
 Wine production
 Wine science
 Wine storing/maturing

0722 Materials (glass, paper, plastic and wood)

Boat building (non-motor)
 Cabinet making
 Cane, willow and bamboo work
 Carpentry (furniture)
 Ceramics (industrial)
 Furniture crafts
 Furniture making
 Glass production
 Glass working (industrial)
 Industrial diamond production
 Paper manufacturing and processing
 Plastic manufacturing
 Rubber processing
 Stone cutting
 Synthetic fibre manufacturing
 Timber technology
 Wood machining and turning
 Wood technology
 Woodwork trades
 Woodworking and carpentry

0723 Textiles (clothes, footwear and leather)

Clothing, apparel and textile working
 Clothing industry
 Clothing trades
 Custom tailoring

Cutting and tailoring
 Dressmaking
 Embroidery and needlework (industrial)
 Footwear making
 Fur making
 Furrier
 Garment production
 Knitting (industrial)
 Leather goods production
 Leather processing
 Leather trades
 Pelt worker
 Saddlery
 Sewing (industrial)
 Shoe, boot and leather repairing
 Shoemaking
 Skins and leather production
 Soft furnishings
 Spinning
 Tailoring
 Textiles, clothing and footwear
 Textile techniques
 Textile trades
 Upholstery
 Weaving (industrial)
 Wool science

0724 Mining and extraction

Coal mining
 Drilling
 Mineral technology
 Mining engineering
 Mining of minerals
 Mining technology
 Oil and gas drilling
 Oil and gas extraction
 Quarry supervision
 Raw material extraction

0729 Manufacturing and processing not elsewhere classified

073 Architecture and construction**0730 Architecture and construction not further defined****0731 Architecture and town planning**

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

0732 Building and civil engineering

Bricklaying
 Brickwork and masonry
 Bridge construction
 Building construction
 Building engineering
 Building maintenance
 Building renovation
 Building technology
 Carpentry and joinery (building)
 Cement working
 Civil engineering
 Construction equipment
 Construction plant operation
 Construction technology
 Constructional engineering
 Constructional metalwork (building)
 Demolition

Dock and harbour engineering

Drawing, technical

Excavation engineering

Floor and wall tiling

Floor covering

Glazing

House building

Industrial abseiling (commercial)

Insulation

Irrigation and drainage (construction)

Joinery and carpentry (building)

Masonry and tile setting

Painting and wall covering

Pipe fitting

Plastering (building)

Plumbing

Quantity surveying

Road building

Roof fixing

Sanitation (building)

Scaffolding work

Stonemasonry

Structural engineering

Technical drawing

Water supply and sewerage engineering

Water technology and engineering

Ventilation (building)

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

Agricultural business/agribusiness operations
 Agricultural economics
 Agricultural sciences
 Agriculture
 Agronomy and crop science
 Animal breeding
 Animal husbandry
 Animal training
 Basic skills in agriculture
 Crop growing
 Dog breeding
 Farm and ranch management
 Farm maintenance
 Farming
 Fruit growing
 Fruit production
 Goose keeping
 Grain growing
 Horse breeding
 Horse husbandry
 Irrigation techniques
 Olive growing
 Orchards construction
 Pig farming
 Poultry husbandry
 Race horse care
 Rye and wheat growing
 Sheep farming
 Soil and water technician programmes
 Soil fertility
 Soil science
 Sugar cane growing
 Vegetable plantation
 Wine growing

Vineyard construction

Viticulture

0812 Horticulture

Floriculture
 Gardening
 Green keeping
 Greenhouse operations
 Horticultural techniques
 Horticulture
 Landscape gardening
 Nursery management (horticulture)
 Ornamental plants production
 Sports grounds maintenance
 Turf cultivation and management

0819 Agriculture not elsewhere classified

082 Forestry

0821 Forestry

Charcoal burning
 Forest keeping
 Forest product techniques
 Forest ranging
 Forestry
 Hunting and trapping
 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

Funeral services and mortuary science

Home economics

Laundry

Needlework (home)

Sewing (home)

Window cleaning

1012 Hair and beauty services

Barbering

Beauty therapy

Cosmetic services

Cosmetology

Fitness and weight control

Fitness services

Hairdressing

Make-up

Manicure

Massage (beauty)

Pedicure

Salon services (beauty therapy)

Wig making

1013 Hotel, restaurants and catering

Bar service

Bartender/mixologist

Catering

Cooking (restaurant and hotel-type)

Croupier training

Culinary arts

Fast food preparation

Food and hospitality services

Food serving

Hospitality services

Hotel and restaurant studies

Hotel receptionist training

Hotel services

Waiting and bar service

1014 Sports

Bookmaking (horses etc)

Diving (sport)

Football playing

Gymnastics

Jockeying

Physical training (sports)

Sport leadership

Sport trainer studies

Sports

Sports coaching

Sports instructor training

Umpires and other sports officials

1015 Travel, tourism and leisure

Abseiling (leisure)
 Adventure based activities
 Ground crew training (airports)
 Guiding, tour leading
 Leisure and tourism
 Recreation and leisure
 Recreation management
 Tourism
 Tourist trades
 Travel agency services
 Travel and tourism
 Travel services

1019 Personal services not elsewhere classified**102 Hygiene and occupational health services****1020 Hygiene and occupational health services not further defined****1021 Community sanitation**

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

1022 Occupational health and safety

Ergonomics (occupational health and safety)
 Health and safety in the work place
 Industrial welfare
 Job safety
 Labour protection
 Labour security
 Labour welfare (safety)
 Occupational health and industrial hygiene
 Occupational health and safety
 Stress management

Work environment

1029 Hygiene and occupational health services not elsewhere classified**103 Security services****1030 Security services not further defined****1031 Military and defence**

Army training
 Defence studies
 Military science
 National security
 Navy training
 War theory

1032 Protection of persons and property

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

1039 Security services not elsewhere classified**104 Transport services****1041 Transport services**

Air crew (flying and navigation)
 Air traffic control
 Air traffic safety
 Aircraft operation
 Aviation
 Bus and coach driving
 Cabin crew training
 Communications (air, railway, road etc.)
 Crane and truck driving

Driving training
Flying and navigation
Fork-lift truck driving
Mail operations
Nautical science
Navigation technologies
Postal services
Railway operations
Road motor vehicle operations
Seamanship
Seamen's programmes/qualifications
Ship operation

Shipping
Stewardess/steward training (air)
Transport studies
Truck driving

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 III: Alphabetical List

A

- | | |
|--|---|
| 1015 Abseiling (leisure) | 0811 Animal breeding |
| 0411 Accounting | 0841 Animal health care |
| 0533 Acoustics | 0811 Animal husbandry |
| 0215 Acting and directing | 0841 Animal reproduction (science) |
| 0542 Actuarial science | 0811 Animal training |
| 0917 Acupuncture and oriental medicine | 0211 Animation |
| 0413 Administration | 0541 Applied mathematics |
| 0415 Administrative and secretarial services | 0542 Applied statistics |
| 1015 Adventure based activities | 0831 Aquaculture |
| 0414 Advertising | 0222 Archaeology |
| 0113 Adult literacy and numeracy teacher training | 0731 Architectural urban design and planning |
| 0716 Aeronautical engineering | 0731 Architecture |
| 0716 Aerospace engineering | 0322 Archival sciences |
| 0213 Aesthetics | 0031 Argumentation and presentation |
| 0811 Agricultural business/agribusiness operations | 1031 Army training |
| 0811 Agricultural economics | 0917 Aromatherapy |
| 0811 Agricultural sciences | 0213 Art history |
| 0811 Agriculture | 0213 Art studies |
| 0716 Agriculture machinery mechanics | 0213 Art theory |
| 0811 Agronomy and crop science | 0841 Artificial insemination (of animals) |
| 1041 Air crew (flying and navigation) | 0912 Artificial insemination (of humans) |
| 0712 Air pollution control | 0619 Artificial intelligence |
| 1041 Air traffic control | 0031 Assertiveness training |
| 1041 Air traffic safety | 0913 Assistant nursing |
| 0713 Air-conditioning programmes | 0533 Astronomy |
| 0716 Aircraft engineering | 0533 Astrophysics |
| 0716 Aircraft maintenance | 0532 Atmospheric sciences |
| 1041 Aircraft operation | 0416 Auctioneering |
| 0923 Alcohol and drug abuse counselling | 0912 Audiology/hearing sciences |
| 0923 Alcohol, tobacco, drugs (knowledge about) | 0211 Audio-visual techniques and media production |
| 0541 Algebra | 0411 Auditing |
| 0914 Ambulance service | 0914 Auditory prosthetics |
| 0914 Ambulance technology | 0714 Automation |
| 0912 Anaesthetics | 0716 Automotive electrical systems |
| 0531 Analytical chemistry | 0716 Automotive engineering |
| 0912 Anatomy | 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	0913 Community nursing
0533 Chemical physics	0731 Community planning
0711 Chemical process engineering	0417 Company knowledge
0531 Chemistry	0232 Comparative literature
0922 Child care (non-medical)	0211 Compositing (printing)
0922 Children recreation programmes	0215 Composition (music)
1011 Chimney sweeping	0211 Composition equipment operating
0915 Chiropractice	0612 Computer administration and management
0215 Choreography	0714 Computer engineering
0211 Cinematography	0211 Computer game production
0215 Circus	0211 Computer graphics
0731 City planning	0612 Computer media applications
0312 Civics	0612 Computer network installation and maintenance
0732 Civil engineering	0613 Computer programming
1032 Civil security	0714 Computer repairing
0113 Class teacher training	0613 Computer science
0231 Classical languages	0611 Computer software use
1011 Cleaning	0612 Computer support
0415 Clerical programmes	0613 Computer systems analysis
0417 Clients' needs	0613 Computer systems design
0713 Climate engineering	0211 Computer type-setting
0532 Climate research	0611 Computer use
0911 Clinical dentistry	0215 Conducting (music)
0912 Clinical medicine	0721 Confectionery
0723 Clothing industry	0522 Conservation and land management
0723 Clothing trades	0214 Conservation of cultural material
0723 Clothing, apparel and textile working	0732 Construction equipment
0031 Co-operation	0732 Construction plant operation
0716 Coachwork	0732 Construction technology
0724 Coal mining	0732 Constructional engineering
0313 Cognitive sciences	0732 Constructional metalwork (building)
0421 Commercial law	0414 Consumer behaviour
0321 Communication, mass- (wording and content)	1011 Consumer economics
1041 Communications (air, railway, road etc.)	0416 Consumer services
0714 Communications equipment installation	0313 Conversational therapy
0714 Communications equipment maintenance	0714 Control engineering
0031 Communications skills	1011 Cooking (home)
0714 Communications systems	1013 Cooking (restaurant and hotel-type)
0731 Community development	0031 Co-operation skills

1012 Cosmetic services
 1012 Cosmetology
 0212 Costume design
 0923 Counselling
 0415 Court reporting
 0214 Craft programmes
 0214 Crafts, folk arts and artisan
 0215 Creative and performance art
 1041 Crane and truck driving
 0232 Creative writing
 0421 Criminal justice studies
 0314 Criminology
 0923 Crisis support
 0811 Crop growing and husbandry
 1013 Croupier training
 1013 Culinary arts
 0314 Cultural geography
 0222 Cultural history
 0314 Cultural studies
 0322 Curatorial studies
 0111 Curriculum development (theory)
 0111 Curriculum studies
 1011 Custodian/caretaker
 0723 Custom tailoring
 0417 Customer service training
 1032 Customs programmes
 0723 Cutting and tailoring
 0912 Cytology

D

0721 Dairy foods (industrial)
 0416 Dairy retailing
 0721 Dairy science
 0215 Dance
 0541 Data analysis (mathematics)
 0415 Data entry
 0714 Data processing technology
 0612 Database administrator studies
 0922 Day care (children)

0921 Day care (adults)
 0214 Decorative metal crafts
 0831 Deep sea fishing
 1031 Defence studies
 0314 Demography/population studies
 0732 Demolition
 0416 Demonstration techniques
 0911 Dental assisting
 0911 Dental hygiene
 0911 Dental laboratory technology
 0911 Dental nursing
 0911 Dental science
 0911 Dental surgery
 0911 Dental technology
 0911 Dentistry
 0912 Dermatology
 0212 Design
 0212 Design of industrial products (artistic)
 0211 Desktop publishing
 0313 Development and child psychology
 0031 Development of behavioural skills
 0031 Development of mental skills
 0031 Development of personal organisational capacities
 0111 Didactics
 0915 Dietician programmes
 0714 Digital technology
 0215 Directing (theatre)
 0211 Disc jockey training
 0916 Dispensing pharmacy
 0111 Distance education methodology
 0721 Distilling
 1032 Diving (professional)
 1014 Diving (sport)
 0732 Dock and harbour engineering
 0322 Documentation
 0811 Dog breeding
 1011 Domestic science
 0215 Drama
 0213 Drawing (artistic)

0732 Drawing, technical
 0723 Dressmaking
 0724 Drilling (industrial)
 0114 Driver and safety teacher education
 0114 Driving instructor training
 1041 Driving training
 1011 Dry-cleaning

E

0112 Early childhood teaching (within formal school settings)
 0532 Earth science
 0712 Ecological technology
 0521 Ecology
 0311 Econometrics
 0311 Economic history
 0311 Economics
 0311 Economics, business
 0321 Editing (newspapers)
 0110 Education (not further defined)
 0111 Education science
 0111 Education technology
 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
 0721 Food handling/hygiene
 0721 Food preparation
 0721 Food preservation
 0721 Food processing industry
 0721 Food science and technology
 1013 Food serving
 0721 Food techniques
 1014 Football playing
 0723 Footwear making
 0231 Foreign languages (acquisition of)
 0415 Foreign language secretary programmes
 0912 Forensic medicine
 0914 Forensic medicine technology
 0912 Forensic pathology
 0512 Forensic science
 0821 Forest keeping
 0821 Forest product techniques
 0821 Forest ranging
 0821 Forestry
 1041 Fork-lift truck driving
 0811 Fruit growing
 0021 Functional literacy
 1011 Funeral services and mortuary science
 0723 Fur making
 0722 Furniture crafts
 0722 Furniture making

0723 Furrier
 0314 Futurology

G

1021 Garbage disposal
 0812 Gardening
 0723 Garment production
 0713 Gas distribution
 0314 Gender studies
 0912 General medicine
 0913 General nursing
 0011 General programmes and qualification with no specific subject emphasis
 0511 Genetics
 0512 Genetic code (DNA, RNA) studies
 0512 Genetic engineering
 0532 Geodesy
 0532 Geographic information systems (GIS)
 0532 Geography (nature)
 0532 Geography (physical)
 0314 Geography (social)
 0532 Geoinformatics
 0532 Geology
 0532 Geomatics
 0541 Geometry
 0532 Geophysics
 0532 Geoscience
 0532 Geospatial technology
 0913 Gerontological services
 0912 Gerontology
 0214 Glass arts and craft
 0722 Glass production
 0722 Glass working (industrial)
 0732 Glazing
 0214 Goldsmithing
 0811 Goose keeping
 0811 Grain growing
 0211 Graphic design
 0211 Graphic reproduction
 0812 Greenhouse operations

0812 Green keeping
 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	0811 Poultry husbandry
0031 Personal career planning	0713 Power production
0031 Personal development	0713 Power line installation and maintenance
0031 Personal skills	0110 Practical paedagogical courses
0413 Personnel administration	0211 Pre-press operations
0413 Personnel management	0112 Pre-primary teacher training
0531 Petrology	0715 Precision mechanics
0512 Pharmacology	0031 Presentation skills
0916 Pharmacy	0222 Preservation of artistic heritage
0232 Philology (first language)	0912 Preventive and social medicine
0223 Philosophy	0011 Primary level programmes and qualifications
0213 Philosophy of art	0113 Primary teaching (without subject specialisation)
0231 Phonetics	0211 Print finishing and binding
0211 Photo developing	0211 Printing
0211 Photography	0211 Printing machining
0114 Physical education teacher training	1032 Prison work
0531 Physical chemistry	0542 Probability theory
1014 Physical training (sports)	0923 Probation officer training
0533 Physics	0711 Process technology
0912 Physiology	0812 Production of ornamental plants
0915 Physiotherapy	0613 Programming (computer)
0214 Picture framing	0613 Programming languages (Visual Basic, C++ etc.)
0811 Pig farming	0613 Programming languages development
0732 Pipe fitting	0416 Property sales
0533 Planetary sciences	0914 Prosthetic technology
0711 Plant and machine operation (processing)	0913 Psychiatric nursing
0732 Plastering (building)	0912 Psychiatry
0722 Plastic manufacturing	0313 Psychoanalysis
0912 Plastic surgery	0313 Psychology
0732 Plumbing	0313 Psychotherapy
1032 Police work	0413 Public administration
1032 Policing studies	0413 Public and institution management
0311 Political economics	0312 Public policy studies
0312 Political history	0414 Public relations
0312 Political science	1032 Public security
0312 Politics	0031 Public speaking
0531 Polymer chemistry	0321 Publishing (dissemination of messages)
0031 Positive thinking	0211 Publishing design
1041 Postal services	

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
 1021 Refuse collection
 1021 Refuse/sewage disposal
 0314 Regional cultures
 0915 Rehabilitation
 0221 Religion
 0221 Religious history
 0221 Religious studies
 0321 Reporting (news)
 0416 Retailing
 0732 Road building
 1041 Road motor vehicle operations
 0714 Robotics

0732 Roof fixing
 0722 Rubber processing
 0731 Rural development
 0811 Rye and wheat growing

S

0221 Sacred books, study of
 0723 Saddlery
 0414 Sales and marketing
 0416 Sales representatives
 1012 Salon services (beauty therapy)
 0732 Sanitation (building)
 1021 Sanitation (community)
 0732 Scaffolding work
 0211 Screen printing
 0213 Sculpture
 0831 Sea food breeding
 1041 Seamanship
 1041 Seamen's programmes
 0231 Second languages
 0114 Secondary teaching
 0415 Secretarial programmes
 1032 Security and loss prevention services
 1032 Security guarding
 0532 Seismology
 0031 Self-esteem skills
 0031 Self-confidence
 0231 Semantics, foreign languages
 0232 Semantics, first language
 1011 Sewing (home)
 0723 Sewing (industrial)
 0831 Shellfish breeding
 0811 Sheep farming
 0715 Sheet metal working
 1041 Ship operation
 0716 Shipbuilding
 1041 Shipping
 0723 Shoemaking and repairing
 0415 Shorthand

0231 Sign language interpreting	0232 Speech and rhetorical studies (first language)
0231 Sign languages	0915 Speech pathology and therapy
0214 Silversmithing	0723 Spinning (industrial)
0031 Simple literacy	1014 Sport leadership
0213 Sketching (art)	1014 Sport trainer training
0723 Skins and leather production	1014 Sports
0314 Social anthropology	1014 Sports coaching
0923 Social care	1014 Sports instructor training
0031 Social competence	0812 Sports grounds maintenance
0314 Social conflict theory	0212 Stage designing
0314 Social geography	0413 Start your own business-courses
0412 Social insurance	0542 Statistics
0923 Social policy	0715 Steel production
0923 Social practice	0415 Stenography
0310 Social sciences	1041 Stewardess/steward training (air)
0923 Social theory (applied)	0412 Stock-broking
0923 Social work (welfare)	0416 Stock-keeping
0314 Sociology	0912 Stomatology
0723 Soft furnishings	0214 Stone carving (craft)
0613 Software development	0722 Stone cutting, precious
0611 Software for calculating (spreadsheets), use of	0732 Stonemasonry
0611 Software for data processing, use of	1021 Street cleaning
0611 Software for desktop publishing, use of	1022 Stress management
0611 Software for word processing, use of	0731 Structural architecture
0613 Software localisation	0732 Structural engineering
0613 Software programming	0811 Sugar cane growing
0613 Software testing	0413 Supply change management
0522 Soil and water conservation	0912 Surgery
0811 Soil and water technician programmes	0542 Survey design
0811 Soil fertility	0542 Survey sampling
0811 Soil science	0731 Surveying
0713 Solar energy	0415 Switchboard operating
0713 Solar power	0722 Synthetic fibre manufacturing
0211 Sound and vision	
0211 Sound techniques	T
0533 Space science	0723 Tailoring
0113 Special education teaching	0411 Tax accounting
0913 Specialised nursing	0411 Tax management
0114 Specialised subject teaching	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

