



# **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

## ***Appendix II: Numerical Code List***

<b>00</b>	<b>Generic programmes and qualifications</b>	Presentation techniques
<b>000</b>	<b>Generic programmes and qualifications not further defined</b>	Public speaking
<b>0000</b>	<b>Generic programmes and qualifications not further defined</b>	Self-confidence
<b>001</b>	<b>Basic programmes and qualifications</b>	Self-esteem skills
<b>0011</b>	<b>Basic programmes and qualifications</b>	Social competence
	Basic programmes and qualifications	Teamwork
	Broad generic (non-specialised) programmes and qualifications	Time management
	General programmes and qualifications with no specific subject emphasis	<b>009</b> <b>Generic programmes and qualifications not elsewhere classified</b>
	Programmes and qualifications at primary level	<b>0099</b> <b>Generic programmes and qualifications not elsewhere classified</b>
<b>002</b>	<b>Literacy and numeracy</b>	<b>01</b> <b>Education</b>
<b>0021</b>	<b>Literacy and numeracy</b>	<b>011</b> <b>Education</b>
	Basic remedial programmes for youth or adults	<b>0110</b> <b>Education not further defined</b>
	Functional literacy	<b>0111</b> <b>Education science</b>
	Literacy	Curriculum development (theory)
	Numeracy	Curriculum studies
	Simple literacy	Didactics
<b>003</b>	<b>Personal skills and development</b>	Distance education methodology
<b>0031</b>	<b>Personal skills and development</b>	Education science
	Argumentation and presentation	Educational assessment, testing and measurement
	Assertiveness training	Educational evaluation and research
	Communication skills	Paedagogical sciences (education)
	Co-operation	<b>0112</b> <b>Training for pre-school teachers</b>
	Development of behavioural capacities	Early childhood teaching (within formal school settings)
	Development of mental skills	Pre-primary teacher training
	Development of personal organisational capacities	<b>0113</b> <b>Teacher training without subject specialisation</b>
	Enhancing personal skills	Adult literacy and numeracy teacher training
	Family life development training	Class teacher training
	Job-seeking programmes	Elementary teacher education
	Life orientation programmes	Indigenous teacher training
	Parenting courses	Lower secondary teaching
	Personal career planning	Primary teaching
	Personal development	Special education teaching
	Positive thinking	<b>0114</b> <b>Teacher training with subject specialisation</b>
		Teacher training - arts and crafts



Teacher training – commercial subjects  
 Teacher training – music  
 Teacher training – nursing  
 Teacher training – physical training  
 Teacher training – second languages  
 Teacher training – specific theoretical subjects (e.g. mathematics, history)  
 Teacher training – technical subjects  
 Teacher training – vocational subjects  
 Teacher training courses for university teachers  
 Training of driving instructors

**0119 Education not elsewhere classified**

**018 Inter-disciplinary programmes and qualifications involving education**

**0188 Inter-disciplinary programmes and qualifications involving education**

**02 Arts and humanities**

**020 Arts and humanities not further defined**

**0200 Arts and humanities not further defined**

**021 Arts**

**0210 Arts not further defined**

**0211 Audio-visual techniques and media production**

Animation  
 Binding and finishing (printing)  
 Bookbinding  
 Camera operating  
 Cinematography  
 Compositing (printing)  
 Composition equipment operating  
 Computer game production  
 Computer graphics  
 Computer type-setting  
 Desktop publishing  
 Disc jockey training  
 Film and TV editing  
 Film and video production  
 Graphic design  
 Graphic reproduction  
 Illustration

Interactive media design  
 Lay-out  
 Media techniques  
 Multimedia production  
 Photo developing  
 Photography  
 Pre-press operations  
 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)
  - 0411 Accounting
  - 0533 Acoustics
  - 0215 Acting and directing
  - 0542 Actuarial science
  - 0917 Acupuncture and oriental medicine
  - 0413 Administration
  - 0415 Administrative and secretarial services
  - 1015 Adventure based activities
  - 0414 Advertising
  - 0113 Adult literacy and numeracy teacher training
  - 0716 Aeronautical engineering
  - 0716 Aerospace engineering
  - 0213 Aesthetics
  - 0811 Agricultural business/agribusiness operations
  - 0811 Agricultural economics
  - 0811 Agricultural sciences
  - 0811 Agriculture
  - 0716 Agriculture machinery mechanics
  - 0811 Agronomy and crop science
  - 1041 Air crew (flying and navigation)
  - 0712 Air pollution control
  - 1041 Air traffic control
  - 1041 Air traffic safety
  - 0713 Air-conditioning programmes
  - 0716 Aircraft engineering
  - 0716 Aircraft maintenance
  - 1041 Aircraft operation
  - 0923 Alcohol and drug abuse counselling
  - 0923 Alcohol, tobacco, drugs (knowledge about)
  - 0541 Algebra
  - 0914 Ambulance service
  - 0914 Ambulance technology
  - 0912 Anaesthetics
  - 0531 Analytical chemistry
  - 0912 Anatomy
  - 0811 Animal breeding
  - 0841 Animal health care
  - 0811 Animal husbandry
  - 0841 Animal reproduction (science)
  - 0811 Animal training
  - 0211 Animation
  - 0541 Applied mathematics
  - 0542 Applied statistics
  - 0831 Aquaculture
  - 0222 Archaeology
  - 0731 Architectural urban design and planning
  - 0731 Architecture
  - 0322 Archival sciences
  - 0031 Argumentation and presentation
  - 1031 Army training
  - 0917 Aromatherapy
  - 0213 Art history
  - 0213 Art studies
  - 0213 Art theory
  - 0841 Artificial insemination (of animals)
  - 0912 Artificial insemination (of humans)
  - 0619 Artificial intelligence
  - 0031 Assertiveness training
  - 0913 Assistant nursing
  - 0533 Astronomy
  - 0533 Astrophysics
  - 0532 Atmospheric sciences
  - 0416 Auctioneering
  - 0912 Audiology/hearing sciences
  - 0211 Audio-visual techniques and media production
  - 0411 Auditing
  - 0914 Auditory prosthetics
  - 0714 Automation
  - 0716 Automotive electrical systems
  - 0716 Automotive engineering
  - 1041 Aviation
  - 0716 Avionics
  - 0917 Ayurvedic medicine

**B**

0912 Bacteriology  
 0721 Baking  
 0215 Ballet  
 0412 Bank teller studies  
 0412 Banking and finance  
 1013 Bar service  
 1012 Barbering  
 1013 Bartender/mixologist  
 0913 Basic nursing  
 0011 Basic programmes and qualifications  
 0021 Basic remedial programmes for youth or adults  
 0811 Basic skills in agriculture  
 1012 Beauty therapy  
 0721 Beer brewing  
 0310 Behavioural sciences  
 0715 Bicycle production  
 0715 Bicycle repair  
 0211 Binding and finishing (printing)  
 0711 Biochemical technologies  
 0512 Biochemistry  
 0512 Biological chemistry  
 0511 Biology  
 0511 Biometrics  
 0533 Biophysics  
 0512 Biotechnology  
 0711 Biotechnology engineering  
 0722 Boat building (non-motor)  
 0715 Boilermaking and welding  
 0211 Bookbinding  
 0411 Bookkeeping  
 1014 Bookmaking (horses etc)  
 0511 Botany  
 0721 Brewing  
 0732 Bricklaying  
 0732 Brickwork and masonry  
 0732 Bridge construction

0011 Broad generic (non-specialised) programmes and qualifications

0321 Broadcast journalism  
 0714 Broadcasting electronics  
 0732 Building construction  
 0731 Building design  
 0732 Building engineering  
 0732 Building maintenance  
 0732 Building renovation  
 0732 Building technology  
 1041 Bus and coach driving  
 0413 Business administration  
 0415 Business correspondence  
 0412 Business finance  
 0721 Butchery  
 0416 Buying and selling

**C**

1041 Cabin crew training  
 0722 Cabinet making  
 0213 Calligraphy  
 0211 Camera operating  
 0722 Cane, willow and bamboo work  
 0912 Cardiology  
 0921 Care (non-medical) of the elderly  
 0921 Care (non-medical) of disabled adults  
 0922 Care (non-medical) of disabled children  
 0923 Career advising  
 1011 Caretaking, housekeeping, home service  
 0722 Carpentry (furniture)  
 0732 Carpentry and joinery (building)  
 0731 Cartography  
 1013 Catering  
 0511 Cell biology  
 0512 Cell technology  
 0732 Cement working  
 0214 Ceramics (craft)  
 0722 Ceramics (industrial)  
 0821 Charcoal burning  
 0721 Cheese production

0711 Chemical engineering	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
- 0231 Sign languages
- 0214 Silversmithing
- 0031 Simple literacy
- 0213 Sketching (art)
- 0723 Skins and leather production
- 0314 Social anthropology
- 0923 Social care
- 0031 Social competence
- 0314 Social conflict theory
- 0314 Social geography
- 0412 Social insurance
- 0923 Social policy
- 0923 Social practice
- 0310 Social sciences
- 0923 Social theory (applied)
- 0923 Social work (welfare)
- 0314 Sociology
- 0723 Soft furnishings
- 0613 Software development
- 0611 Software for calculating (spreadsheets), use of
- 0611 Software for data processing, use of
- 0611 Software for desktop publishing, use of
- 0611 Software for word processing, use of
- 0613 Software localisation
- 0613 Software programming
- 0613 Software testing
- 0522 Soil and water conservation
- 0811 Soil and water technician programmes
- 0811 Soil fertility
- 0811 Soil science
- 0713 Solar energy
- 0713 Solar power
- 0211 Sound and vision
- 0211 Sound techniques
- 0533 Space science
- 0113 Special education teaching
- 0913 Specialised nursing
- 0114 Specialised subject teaching
- 0232 Speech and rhetorical studies (first language)
- 0915 Speech pathology and therapy
- 0723 Spinning (industrial)
- 1014 Sport leadership
- 1014 Sport trainer training
- 1014 Sports
- 1014 Sports coaching
- 1014 Sports instructor training
- 0812 Sports grounds maintenance
- 0212 Stage designing
- 0413 Start your own business-courses
- 0542 Statistics
- 0715 Steel production
- 0415 Stenography
- 1041 Stewardess/steward training (air)
- 0412 Stock-broking
- 0416 Stock-keeping
- 0912 Stomatology
- 0214 Stone carving (craft)
- 0722 Stone cutting, precious
- 0732 Stonemasonry
- 1021 Street cleaning
- 1022 Stress management
- 0731 Structural architecture
- 0732 Structural engineering
- 0811 Sugar cane growing
- 0413 Supply change management
- 0912 Surgery
- 0542 Survey design
- 0542 Survey sampling
- 0731 Surveying
- 0415 Switchboard operating
- 0722 Synthetic fibre manufacturing
- T**
- 0723 Tailoring
- 0411 Tax accounting
- 0411 Tax management
- 0110 Teacher training

- 0112 Teacher training, pre-school  
 0113 Teacher training, primary  
 0113 Teacher training, lower secondary (without subject specialisation)  
 0114 Teacher training courses for university teachers  
 0114 Teacher training in arts and crafts  
 0114 Teacher training in commercial subjects  
 0114 Teacher training in music  
 0114 Teacher training in nursing  
 0114 Teacher training in physical training  
 0114 Teacher training in second languages  
 0114 Teacher training in specific theoretical subjects (e.g. mathematics, history)  
 0114 Teacher training in technical subjects  
 0114 Teacher training in vocational subjects  
 0114 Teacher training with subject specialisation  
 0113 Teacher training without subject specialisation  
 0031 Teamwork  
 0732 Technical drawing  
 0114 Technical teaching  
 0710 Technology  
 0714 Telecommunication technology  
 0416 Telephone selling  
 0714 Television and radio repairing  
 0723 Textile techniques  
 0723 Textile trades  
 0723 Textiles, clothing and footwear  
 0215 Theatre  
 0221 Theology  
 0212 Three dimensional design  
 0722 Timber technology  
 0031 Time management  
 0512 Tissue culture technology  
 0721 Tobacco processing  
 0715 Tool and die making  
 0731 Topography  
 1015 Tourism  
 0731 Town and country planning  
 0512 Toxicology  
 0417 Trade union courses (general)  
 0917 Traditional medicine  
 0716 Train repair and maintenance  
 0413 Training management  
 0912 Training of doctors  
 0114 Training of driving instructors  
 0912 Training of physicians  
 0114 Training of trainers (with subject specialisation)  
 0113 Training of trainers (without subject specialisation)  
 0231 Translation programmes  
 1041 Transport studies  
 1015 Travel agency services  
 1015 Travel and tourism  
 1015 Travel services  
 0821 Tree felling  
 1041 Truck driving  
 0812 Turf cultivation  
 0812 Turf management  
 0211 Type-setting  
 0415 Typing
- U**
- 1014 Umpires and other sports officials  
 0723 Upholstery  
 0731 Urban planning  
 0731 Urban studies
- V**
- 0716 Varnishers/sprayers (vehicles)  
 0811 Vegetable plantation  
 0716 Vehicle and motor engineering  
 0716 Vehicle building  
 0716 Vehicle diagnostics  
 0716 Vehicle electrical systems  
 0716 Vehicle mechanics  
 0716 Vehicle painting  
 0716 Vehicle repairing  
 0716 Vehicle trimming

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

## **W**

1013 Waiting and bar service  
 1031 War theory  
 0416 Ware-housing  
 1021 Waste management  
 0715 Watchmaking  
 0712 Water pollution control  
 1021 Water supply (service)  
 0732 Water supply and sewerage engineering  
 0732 Water technology and engineering  
 0214 Weaving (craft)  
 0723 Weaving (industrial)  
 0612 Web design (Internet)  
 0715 Welding  
 0416 Wholesaling  
 1012 Wig making  
 0522 Wildlife management  
 0522 Wildlife ranger studies  
 1011 Window cleaning  
 0212 Window dressing  
 0713 Wind turbines  
 0811 Wine growing  
 0721 Wine production  
 0721 Wine science  
 0721 Wine storing/maturing

0314 Women's studies  
 0722 Wood machining and turning  
 0722 Wood technology  
 0214 Woodcarving  
 0722 Woodwork trades  
 0722 Woodworking and carpentry  
 0723 Wool science  
 0417 Work development  
 1022 Work environment  
 0417 Work place skills  
 0417 Working life

## **X**

0914 X-ray technology (medical)

## **Y**

0922 Youth recreation programmes  
 0922 Youth services  
 0922 Youth worker programmes

## **Z**

0511 Zoology



