



# **INTERNATIONAL STANDARD CLASSIFICATION OF EDUCATION**

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

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## UNESCO

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## Introduction

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

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

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

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

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

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

## 00 Generic programmes and qualifications

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

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

### 001 Basic programmes and qualifications

#### 0011 Basic programmes and qualifications

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

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

- Basic programmes and qualifications

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

- General programmes and qualifications with no specific subject emphasis

- Programmes and qualifications at primary level

#### Inclusions

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

#### Exclusions

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

## **002 Literacy and numeracy**

### **0021 Literacy and numeracy**

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

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

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

## **003 Personal skills**

### **0031 Personal skills**

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

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

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

### Inclusions

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

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

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

### Exclusions

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

## **01 Education**

### **011 Education**

#### **0111 Education science**

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

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

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

#### Exclusions

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

#### **0112 Training for pre-school teachers**

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

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

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

#### Exclusions

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

#### **0113 Teacher training without subject specialisation**

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

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

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

#### Inclusions

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

#### Exclusions

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

### **0114 Teacher training with subject specialisation**

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

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

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

#### Inclusions

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

#### Exclusions

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



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

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

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

## 02 Arts and Humanities

### 021 Arts

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

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

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

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

#### Inclusions

Desktop publishing and lay-out are included here.

#### Exclusions

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

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

## **0212 Fashion, interior and industrial design**

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

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

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

### Exclusions

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

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

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

## **0213 Fine arts**

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

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

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

### Exclusions

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

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

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

## **0214 Handicrafts**

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

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

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

### Exclusions

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

## **0215 Music and performing arts**

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

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

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

### Inclusions

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

### Exclusions

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

## **022 Humanities (except languages)**

### **0221 Religion and theology**

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

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

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

### Inclusions

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

### Exclusions

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

### **0222 History and archaeology**

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

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

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

### Inclusions

Restoration and preservation of artistic heritage are included here.

### Exclusions

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

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

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

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

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

## **0223 Philosophy and ethics**

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

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

- Ethics
- Logic
- Morals
- Philosophy

### Exclusions

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

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

## **023 Languages**

### **0231 Language acquisition**

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

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

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

Inclusions:

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

Exclusions:

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

## **0232 Literature and linguistics**

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

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

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

Inclusions

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

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

### Exclusions

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

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

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

### **028 Inter-disciplinary programmes and qualifications involving arts and humanities**

#### **0288 Inter-disciplinary programmes and qualifications involving arts and humanities**

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



## **03 Social Sciences, Journalism and Information**

### **031 Social and behavioural sciences**

#### **0311 Economics**

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

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

- Econometrics
- Economic history
- Economics
- Political economics

#### Exclusions

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

#### **0312 Political sciences and civics**

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

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

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

#### Exclusions

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

#### **0313 Psychology**

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

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

- Cognitive science
- Psychoanalysis
- Psychology
- Psychotherapy

## **0314    Sociology and cultural studies**

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

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

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

### Exclusions

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

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

## **032    Journalism and information**

### **0321    Journalism and reporting**

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

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

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

### Exclusions

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

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

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

### **0322 Library, information and archival studies**

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

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

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

#### **Exclusions**

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

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

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

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

## **04 Business, Administration and Law**

### **041 Business and administration**

#### **0411 Accounting and taxation**

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

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

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

#### Exclusions

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

#### **0412 Finance, banking and insurance**

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

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

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

#### Exclusions

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

#### **0413 Management and administration**

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

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

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

Inclusions:

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

Exclusions:

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

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

#### **0414 Marketing and advertising**

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

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

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

## **0415 Secretarial and office work**

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

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

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

### Inclusions

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

### Exclusions

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

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

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

## **0416 Wholesale and retail sales**

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

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

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

#### Inclusions

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

### **0417 Work skills**

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

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

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

#### Inclusions

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

#### Exclusions

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

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

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

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

## **042 Law**

### **0421 Law**

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

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

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

#### Exclusions

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

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

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

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

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

#### Inclusions

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

#### Exclusions

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



## **05 Natural Sciences, Mathematics and Statistics**

### **051 Biological and related sciences**

#### **0511 Biology**

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

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

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

#### Exclusions

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

#### **0512 Biochemistry**

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

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

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

#### Inclusions

Biotechnology is included here.

## **052 Environment**

### **0521 Environmental sciences**

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

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

- Ecology
- Environmental science

#### Exclusions

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

### **0522 Natural environments and wildlife**

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

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

- National parks and wildlife management
- Nature conservation
- Wildlife

#### Exclusions

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

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

## **053 Physical sciences**

### **0531 Chemistry**

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

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

- Inorganic chemistry
- Organic chemistry
- Physical chemistry

#### Exclusions

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

## **0532 Earth sciences**

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

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

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

### Exclusions

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

## **0533 Physics**

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

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

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

### Exclusions

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

## **054 Mathematics and statistics**

### **0541 Mathematics**

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

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

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

#### **0542 Statistics**

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

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

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

#### Inclusions

Study of mathematical (theoretical) statistics is included here.

#### Exclusions

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

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

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

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

## **06 Information and Communication Technologies**

### **061 Information and Communication Technologies**

#### **0611 Computer use**

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

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

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

#### **0612 Database and network design and administration**

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

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

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

#### **0613 Software and applications development and analysis**

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

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

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

## Exclusions

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

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

### **0619 Information and Communication Technologies not elsewhere classified**

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

Artificial intelligence

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

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

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

## **07 Engineering, Manufacturing and Construction**

### **071 Engineering and engineering trades**

#### **0711 Chemical engineering and processes**

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

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

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

#### Inclusions

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

#### Exclusions

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

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

#### **0712 Environmental protection technology**

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

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

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

### Exclusions

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

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

### **0713 Electricity and energy**

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

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

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

### Inclusions

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

### Exclusions

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

### **0714 Electronics and automation**

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



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

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

#### Exclusions

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

### **0715 Mechanics and metal trades**

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

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

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

#### Exclusions

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

## **0716 Motor vehicles, ships and aircraft**

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

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

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

### Inclusions

Study of vehicle electrical systems is included here.

### Exclusions

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

## **0719 Engineering and engineering trades not elsewhere classified**

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

- Nanotechnology

## **072 Manufacturing and processing**

### **0721 Food processing**

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

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

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

#### Inclusions

Study of food handling and food hygiene is included here.

#### Exclusions

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

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

### **0722 Materials (glass, paper, plastic and wood)**

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

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

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

### Exclusions

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

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

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

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

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

### **0723 Textiles (clothes, footwear and leather)**

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

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

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

### Exclusions

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

### **0724 Mining and extraction**

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

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

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

#### Exclusions

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

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

### **073 Architecture and construction**

#### **0731 Architecture and town planning**

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

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

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

#### Exclusions

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

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

## **0732 Building and civil engineering**

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

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

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

### Exclusions

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

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

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

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

## **08 Agriculture, Forestry, Fisheries and Veterinary**

### **081 Agriculture**

#### **0811 Crop and livestock production**

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

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

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

#### Inclusions

Study of soil fertility and irrigation techniques are included here.

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

#### Exclusions

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

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

### **0812 Horticulture**

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

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

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

#### Inclusions

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

Gardening programmes combining floriculture and growing vegetables are included here.

#### Exclusions

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

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

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

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

### **082 Forestry**

#### **0821 Forestry**

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

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

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

#### Exclusions

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

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



## **083 Fisheries**

### **0831 Fisheries**

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

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

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

#### Inclusions

Programmes for operating fishing boats are included here.

#### Exclusions

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

## **084 Veterinary**

### **0841 Veterinary**

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

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

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

#### Inclusions

The science of animal reproduction is included here.

#### Exclusions

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

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

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

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

## **09 Health and Welfare**

### **091 Health**

#### **0911 Dental studies**

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

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

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

#### Inclusions

Study of public dental health is included here.

#### **0912 Medicine**

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

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

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

## 0913 Nursing and midwifery

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

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

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

### Inclusions

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

### Exclusions

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

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

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

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

## **0914 Medical diagnostic and treatment technology**

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

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

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

### Exclusions

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

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

## **0915 Therapy and rehabilitation**

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

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

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

### Exclusions

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

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

## **0916 Pharmacy**

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

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

- Dispensing pharmacy
- Pharmacy

### Exclusions

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

## **0917 Traditional and complementary medicine and therapy**

**Traditional and complementary medicine** is the study of alternative medicine.

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

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

## **092 Welfare**

### **0921 Care of elderly and of disabled adults**

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

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

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

### Exclusions

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

### **0922 Child care and youth services**

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

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

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

#### Exclusions

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

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

### **0923 Social work and counselling**

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

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

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

#### Exclusions

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

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

### **098 Inter-disciplinary programmes and qualifications involving health and welfare**

#### **0988 Inter-disciplinary programmes and qualifications involving health and welfare**

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

## **10 Services**

### **101 Personal services**

#### **1011 Domestic services**

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

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

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

#### Inclusions

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

#### Exclusions

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

#### **1012 Hair and beauty services**

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

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

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

#### **1013 Hotel, restaurants and catering**

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



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

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

#### Exclusions

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

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

### **1014 Sports**

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

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

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

#### Inclusions

Jockeying is included here. Chess playing is included here.

#### Exclusions

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

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

## **1015 Travel, tourism and leisure**

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

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

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

### Inclusions

Basic training in how to treat tourists is included here.

### Exclusions

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

## **102 Hygiene and occupational health services**

### **1021 Community sanitation**

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

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

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

## **1022 Occupational health and safety**

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

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

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

### Exclusions

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

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

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

## **103 Security services**

### **1031 Military and defence**

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

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

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

### Exclusions

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

## **1032 Protection of persons and property**

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

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

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

### Exclusions

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

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

## **104 Transport services**

### **1041 Transport services**

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

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

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

### Exclusions

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

### **108 Inter-disciplinary programmes and qualifications involving services**

#### **1088 Inter-disciplinary programmes and qualifications involving services**

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

## Appendix I

### ISCED-F 2013: List of possible codes

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

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

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



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

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

## Appendix II

### Numerical code list

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

Distance education methodology	<b>018 Inter-disciplinary programmes and qualifications involving education</b>
Education science	<b>0188 Inter-disciplinary programmes and qualifications involving education</b>
Educational assessment, testing and measurement	<b>02 Arts and humanities</b>
Educational evaluation and research	<b>020 Arts and humanities not further defined</b>
Paedagogical sciences (education)	<b>0200 Arts and humanities not further defined</b>
<b>0112 Training for pre-school teachers</b>	<b>021 Arts</b>
Early childhood teaching (within formal school settings)	<b>0210 Arts not further defined</b>
Pre-primary teacher training	<b>0211 Audio-visual techniques and media production</b>
<b>0113 Teacher training without subject specialisation</b>	Animation
Adult literacy and numeracy teacher training	Binding and finishing (printing)
Class teacher training	Bookbinding
Elementary teacher education	Camera operating
Indigenous teacher training	Cinematography
Lower secondary teaching	Compositing (printing)
Primary teaching	Composition equipment operating
Special education teaching	Computer game production
<b>0114 Teacher training with subject specialisation</b>	Computer graphics
Teacher training - arts and crafts	Computer type-setting
Teacher training – commercial subjects	Desktop publishing
Teacher training – music	Disc jockey training
Teacher training – nursing	Film and TV editing
Teacher training – physical training	Film and video production
Teacher training – second languages	Graphic design
Teacher training – specific theoretical subjects (e.g. mathematics, history)	Graphic reproduction
Teacher training – technical subjects	Illustration
Teacher training – vocational subjects	Interactive media design
Teacher training courses for university teachers	Lay-out
Training of driving instructors	Media techniques
<b>0119 Education not elsewhere classified</b>	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)	History of medicine
Creative and performance art	History of science and ideas
Dance	History of technology
Directing (theatre)	Literature history
Drama	Medieval and renaissance studies
Elocution	Preservation of artistic heritage
Fashion modelling	<b>0223 Philosophy and ethics</b>
History of film and theatre	Ethics
History of music	Logic
Music	Morals
Music and the stage	Philosophy
Music composition	<b>0229 Humanities (except languages) not elsewhere classified</b>
Music conducting	<b>023 Languages</b>
Musicology	<b>0230 Languages not further defined</b>
Performing arts	<b>0231 Language acquisition</b>
Theatre/theatre sciences	Classical languages
<b>0219 Arts not elsewhere classified</b>	Exogenous languages
<b>022 Humanities (excluding languages)</b>	Foreign languages
<b>0220 Humanities (excluding languages) not further defined</b>	Interpretation programmes
<b>0221 Religion and theology</b>	Phonetics
Religion	Second languages
Religious history	Semantics, foreign languages
Religious studies	Sign language interpreting
Study of different religions	Sign languages
Study of sacred books	Translation programmes
Theology	<b>0232 Literature and linguistics</b>
<b>0222 History and archaeology</b>	Comparative literature
Archaeology	Creative writing
Cultural history	First language programmes
Folklore studies	Indigenous languages
History	Linguistics, general
History and philosophy of science and technology	Literature
History of 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)	Accounting
News reporting	Auditing
Publishing (dissemination of messages)	Bookkeeping
<b>0322 Library, information and archival studies</b>	Tax accounting
Archival sciences	Tax management
Curatorial studies	<b>0412 Finance, banking and insurance</b>
Documentation	Bank teller studies
Information science	Banking and finance
Information searching	Business finance
Librarianship training	Finance, banking, insurance
Library studies	Finance theory
Museum documentation	Financial management
Museum studies	Insurance
Museology	Investment analysis
<b>0329 Journalism and information not elsewhere classified</b>	Investments and securities
<b>038 Inter-disciplinary programmes and qualifications involving social sciences, journalism and information</b>	Pension insurance
<b>0388 Inter-disciplinary programmes and qualifications involving social sciences, journalism and information</b>	Social insurance
<b>039 Social sciences, journalism and information not elsewhere classified</b>	Stock-broking
<b>0399 Social sciences, journalism and information not elsewhere classified</b>	<b>0413 Management and administration</b>
<b>04 Business, administration and law</b>	Administration
<b>040 Business, administration and law not further defined</b>	Business administration
<b>0400 Business, administration and law not further defined</b>	Educational management
<b>041 Business and administration</b>	Employment management
<b>0410 Business and administration not further defined</b>	Entrepreneurship
<b>0411 Accounting and taxation</b>	Enterprise training
	Health administration
	Human resources management
	Local public administration
	Logistic management
	Management of education
	Management science
	Management skills
	Office management
	Organisational theory and behaviour
	Performance appraisal



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

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

**0530 Physical sciences not further defined**

**0531 Chemistry**

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

**0532 Earth sciences**

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

**0533 Physics**

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

**0539 Physical sciences not elsewhere classified**

**054 Mathematics and statistics**

**0540 Mathematics and statistics not further defined**

**0541 Mathematics**

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

**0542 Statistics**

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

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

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

**059 Natural sciences, mathematics and statistics not elsewhere classified**

**0599 Natural sciences, mathematics and statistics not elsewhere classified**

**06 Information and Communication Technologies (ICTs)**

**061 Information and Communication Technologies (ICTs)**

**0610 Information and Communication Technologies (ICTs) not further defined**

**0611 Computer use**

Computer software use

Computer use

Internet use

Use of software for calculating (spreadsheets)

Use of software for data processing

Use of software for desktop publishing

Use of software for word processing

**0612 Database and network design and administration**

Computer administration and management

Computer media applications

Computer network installation and maintenance

Computer support

Database administrator studies

Information technology administration

Information technology security

Network administration

Network design

Web design

**0613 Software and applications development and analysis**

Computer programming

Computer science

Computer systems analysis

Computer systems design

Informatics (computer science)

Operating systems

Programming (computer)

Programming languages development

Software development

Software localisation

Software programming

Software testing

**0619 Information and Communication Technologies (ICTs) not elsewhere classified**

Artificial intelligence

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

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

**07 Engineering, manufacturing and construction**

**070 Engineering, manufacturing and construction not further defined**

**0700 Engineering, manufacturing and construction not further defined**

**071 Engineering and engineering trades**

**0710 Engineering and engineering trades not further defined**

**0711 Chemical engineering and processes**

Chemical engineering

Chemical process engineering

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

**0712 Environmental protection technology**

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

**0713 Electricity and energy**

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

Solar energy  
Solar power  
Wind turbines

**0714 Electronics and automation**

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

**0715 Mechanics and metal trades**

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

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

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

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



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

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

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

## 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

0533 Chemical physics

0711 Chemical process engineering

0531 Chemistry

0922 Child care (non-medical)

0922 Children recreation programmes

1011 Chimney sweeping

0915 Chiropractice

0215 Choreography

0211 Cinematography

0215 Circus

0731 City planning

0312 Civics

0732 Civil engineering

1032 Civil security

0113 Class teacher training

0231 Classical languages

1011 Cleaning

0415 Clerical programmes

0417 Clients' needs

0713 Climate engineering

0532 Climate research

0911 Clinical dentistry

0912 Clinical medicine

0723 Clothing industry

0723 Clothing trades

0723 Clothing, apparel and textile working

0031 Co-operation

0716 Coachwork

0724 Coal mining

0313 Cognitive sciences

0421 Commercial law

0321 Communication, mass- (wording and content)

1041 Communications (air, railway, road etc.)

0714 Communications equipment installation

0714 Communications equipment maintenance

0031 Communications skills

0714 Communications systems

0731 Community development

0913 Community nursing

0731 Community planning

0417 Company knowledge

0232 Comparative literature  
 0211 Compositing (printing)  
 0215 Composition (music)  
 0211 Composition equipment operating  
 0612 Computer administration and management  
 0714 Computer engineering  
 0211 Computer game production  
 0211 Computer graphics  
 0612 Computer media applications  
 0612 Computer network installation and maintenance  
 0613 Computer programming  
 0714 Computer repairing  
 0613 Computer science  
 0611 Computer software use  
 0612 Computer support  
 0613 Computer systems analysis  
 0613 Computer systems design  
 0211 Computer type-setting  
 0611 Computer use  
 0215 Conducting (music)  
 0721 Confectionery  
 0522 Conservation and land management  
 0214 Conservation of cultural material  
 0732 Construction equipment  
 0732 Construction plant operation  
 0732 Construction technology  
 0732 Constructional engineering  
 0732 Constructional metalwork (building)  
 0414 Consumer behaviour  
 1011 Consumer economics  
 0416 Consumer services  
 0313 Conversational therapy  
 0714 Control engineering

1011 Cooking (home)  
 1013 Cooking (restaurant and hotel-type)  
 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

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

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

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

## **Q**

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

## **R**

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

0713 Refrigeration  
 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