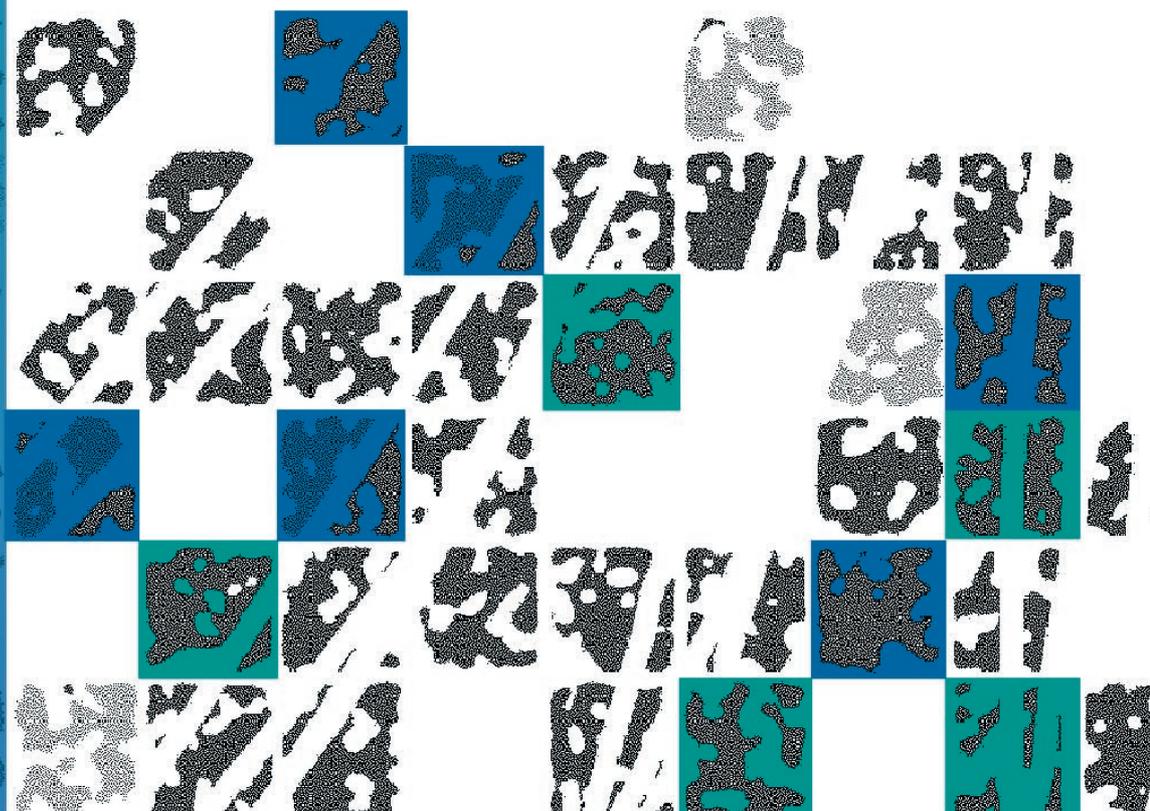# Australian Standard Research Classification (ASRC)

1998

AUSTRALIAN STANDARD RESEARCH CLASSIFICATION

1998

A set of classifications for R&D projects

T.J. Skinner
Acting Australian Statistician

INQUIRIES

- For more information about these and related statistics, please contact the Assistant Director, Research and Development Statistics on Canberra 02 6252 5627, or refer to the back page of this publication.

CONTENTS

PREFACE

The Australian Standard Research Classification (ASRC) is the collective name for a set of three related classifications designed for use in the measurement and analysis of research and experimental development (R&D) undertaken in Australia.

This is the second edition of the ASRC and has been prepared by the Australian Bureau of Statistics (ABS) in co-operation with many organisations, including the following:

Academy of the Humanities
Academy of Social Sciences
Australian Institute of Agricultural Sciences
Australian Institute of Physics
Australian Mathematical Society
Australian Research Council
Australian Vice-Chancellors' Committee
Commonwealth Scientific and Industrial Research Organisation
Council for Australian University Tourism and Hospitality Education
Defence Science and Technology Organisation
Department of Employment, Education, Training and Youth Affairs
Department of Industry, Science and Tourism
Department of Primary Industries and Energy
Institution of Engineers
National Health and Medical Research Council
Royal Australian Chemical Institute

The contributions made by these organisations are gratefully acknowledged.

The consultative process has sought to ensure that the ASRC is widely accepted and used within Australia as an Australian Standard, not only in the compilation of R&D statistics but also in the study of Australian research generally.

T.J. Skinner
Acting Australian Statistician
August 1998

CHAPTER 1   INTRODUCTION

PURPOSE OF THE ASRC

The Australian Standard Research Classification (ASRC) is the collective name for a set of three related classifications developed for use in the measurement and analysis of research and experimental development (R&D) undertaken in Australia, both in the public and private sectors. It allows the comparison of R&D data between sectors of the Australian economy (e.g. general government, private non-profit organisations, business enterprises and educational institutions). One of the component classifications, *Research Fields, Courses and Disciplines*, is designed to also allow data collected on higher education courses, units of study and teaching activity to be categorised.

Use of these classifications ensures that R&D statistics and statistics collected from higher education institutions are useful to governments, educational institutions, international organisations, scientific, professional or business organisations, business enterprises, community groups and private individuals.

To support international comparisons, it is important for the classifications to relate to those used in other countries, particularly those whose stage of social and economic development is similar to that of Australia. Therefore, the definition, scope and classification of R&D activities contained in this publication largely follow the Organisation for Economic Co-operation and Development (OECD) Proposed Standard Practice for Surveys of Research and Experimental Development, "Frascati Manual", Fifth Revision 1993.

The classifications contained in the ASRC are used for the compilation of R&D statistics and, commencing in 2000, will be used for classifying other selected statistics collected from higher education institutions. Details about these statistics are released in the following:

Research and Experimental Development, Business Enterprises, Australian Bureau of Statistics (8104.0)*;*

Research and Experimental Development, General Government and Private Non-Profit Organisations, Australian Bureau of Statistics (8109.0)*;*

Research and Experimental Development, Higher Education Organisations, Australian Bureau of Statistics (8111.0)*;*

Research and Experimental Development, All Sector Summary, Australian Bureau of Statistics (8112.0); and

publications of the Department of Employment, Education, Training and Youth Affairs.

PURPOSE OF THE ASRC *continued*	The development of the classifications in this publication has been undertaken by the ABS in co-operation with major research organisations and users of research information. This consultative process has sought to ensure that the ASRC is widely accepted and used within Australia as an Australian Standard, not only in the compilation of R&D statistics but also in the study of Australian research generally.
CLASSIFICATIONS INCLUDED IN THE PUBLICATION	There are three classifications in the ASRC:
	Type of Activity;
	Research Fields, Courses and Disciplines ; and
	Socio-economic Objective.
	These are used in official statistics to analyse the nature of R&D undertaken in Australia. The classifications are used in conjunction with industrial and institutional sector classifications to produce a set of official statistics which support a variety of user interests. In addition, the Research Fields, Courses and Disciplines classification will be used by the Department of Employment, Education, Training and Youth Affairs to classify data collected from higher education institutions.
Type of Activity Classification (TOA)	This classification allows R&D activity to be categorised according to the type of research effort, namely, *pure basic research*, *strategic basic research*, *applied research* and *experimental development*.
	Definitions and guidelines for classifying R&D by TOA are covered in Chapter 2.
Research Fields, Courses and Disciplines Classification (RFCD)	This classification allows both R&D activity and other activity within the higher education sector to be categorised. It allows R&D activity to be categorised according to the field of research undertaken. In this respect, it is the **nature** of the R&D which is being examined. In addition, the classification is to be used within the higher education sector to classify courses, units of study and teaching activity to field.
	The categories in the classification include recognised academic disciplines and related major sub-fields taught at universities or tertiary institutions, major fields of research investigated by national research institutions and organisations, and emerging areas of study.
	Explanatory notes, definitions and guidelines for classifying data and the full classification are covered in Chapter 3.

Socio-economic Objective Classification (SEO)	This classification allows R&D to be categorised according to the **purpose** of the R&D as perceived by the data provider (researcher). It consists of discrete economic, social, technological or scientific domains for identifying the principal purpose of the R&D. The attributes applied to the design of the SEO Classification comprise a combination of processes, products, health, education and other social and environmental aspects of particular interest.

Explanatory notes, definitions and guidelines for classifying R&D by socio-economic objective and the full classification are covered in Chapter 4.

ADVANTAGES OF THE ASRC

The ASRC provides a three way matrix of classification. Each R&D activity can be classified by *Type of Activity, Research Fields, Courses and Disciplines* and *Socio-economic Objective.*

The ASRC provides a considerable degree of flexibility in meeting the needs of a wide variety of users. The hierarchical structure of both the RFCD and SEO Classifications enables them to be applied to particular purposes at various levels.

If the requirement is for general policy purposes, then a variety of approaches is available. For example, by using data compiled according to both the RFCD and SEO Classifications, it is possible to identify how much R&D expenditure in any particular field of research has been devoted to a particular socio-economic objective. The ASRC helps classify multi-disciplinary work, where several disparate areas of the RFCD are usually brought together to address one area, or closely related areas of the SEO.

The complexity of issues addressed by R&D is such that questions of public policy often arise in a manner which cannot be readily seen in advance. The detail available in both the RFCD and SEO Classifications would be sufficient to facilitate the provision of statistics which can be used in a variety of contexts. For example, areas of key technological significance could generally be assessed using an aggregate of appropriate RFCD disciplines or subjects. It is possible, therefore, that the use of the ASRC for ABS R&D surveys may obviate or minimise the need for separate one-off R&D surveys aimed at narrow areas.

A particular strength of the ASRC is that it preserves comparability with much of the previous data in the ABS R&D series, while possessing a framework which enables comparisons with other classifications used nationally and internationally.

In the case of the SEO Classification, there is a strong alignment between the SEO and the *Australian and New Zealand Standard Industrial Classification* (ANZSIC). This is most applicable within the manufacturing subdivision of the SEO. It is possible to correlate trends in industry with levels of R&D directed towards particular industries, by using both SEO and ANZSIC data.

DEFINITION OF R&D

R&D is defined according to the OECD standard as comprising *creative work undertaken on a systematic basis in order to increase the stock of knowledge, including knowledge of man, culture and society, and the use of this stock of knowledge to devise new applications.*

An R&D activity is characterised by originality. It has investigation as a primary objective, the outcome of which is new knowledge, with or without a specific practical application, or new or improved materials, products, devices, processes or services. R&D ends when work is no longer primarily investigative.

SCOPE OF R&D

As indicated in the Frascati Manual and as experience has shown, there are difficulties in delineating the point which clearly separates the culmination of R&D investigative work and the beginning of the implementation phase of the innovations or recommendations resulting from R&D. Errors at this point are particularly significant because, although R&D programmes require large outlays of resources, the costs of implementing innovations or recommendations resulting from R&D may also be as high or higher in many instances.

There are also a wide range of scientific and related activities which are not R&D, but which are closely linked with R&D in terms of organisation, resource allocation, institutional affiliation and the use or flow of information. However, activities conducted solely or primarily for the purposes of R&D support are included in R&D.

The activities which do not have clear boundaries with R&D are listed below.

(a) Education and training of personnel and students

Postgraduate research, including supervision of the research, is considered to be R&D. The development of new teaching methods is also regarded as R&D. However, teaching and training students, using established methods and subject knowledge, is excluded.

(b) Specialised scientific and technical information services

Specialised scientific and technical information services which are undertaken solely in support of R&D are regarded as R&D. Examples of these are scientific data collection, coding, recording, classification, dissemination, translation, analysis and bibliographic services.

These specialised services are excluded if they are undertaken independently and not solely in support of R&D.

(c) General purpose or routine data collection

Collecting data in support of R&D work is included in R&D.

However, data collection of a general nature is excluded. This is normally carried out by government agencies to record natural, biological, economic or social phenomena of general public or government interest. Examples are national population censuses, surveys of unemployment, topographical mapping and routine geographical or environmental surveys.

(d) Maintenance of national standards

Routine testing and analysis of materials, components, products, processes, soils, atmospheres, etc. for standard compliance is excluded from R&D.

(e) Feasibility studies

Feasibility studies undertaken in support of R&D are included.

However, a feasibility study which involves gathering information about existing conditions, for use in deciding whether or not to implement a project, is excluded, e.g. a study to determine the viability of a petrochemical complex in a particular location.

(f) Specialised medical care

R&D includes the development of new treatments and procedures, including such developments in conjunction with advanced medical care and examinations usually carried out by university hospitals.

However, routine investigations or normal application of specialised medical knowledge, techniques or equipment are excluded from R&D. Examples of these are pathology, forensic and post mortem procedures.

(g) Patent and licence work

Patent work connected directly with R&D projects is included in R&D. However, commercial, administrative and legal work associated with patenting, copywriting and licensing, is excluded.

(h) Policy related studies

The boundary between certain policy related studies as described in the Frascati Manual and R&D is complex. In the Frascati Manual, policy related studies cover activities such as the 'analysis and assessment of existing programmes, continued analysis and monitoring of external phenomena (e.g. defence and security analysis), legislative inquiry concerned with general government departmental policy or operations'. Rigour is required to separate policy related studies which are not R&D from true R&D policy work.

Studies to determine the effects of a specific national policy to a particular economic or social condition or social group may have elements of R&D. Routine management studies or efficiency studies are excluded.

(i) Marketing and market studies

Market research and opinion polls are excluded from R&D.

(j) Mineral exploration

The development of new or vastly improved methods of data acquisition, processing and interpretation of data is included as R&D. Surveying undertaken as an integral part of an R&D project to observe geological phenomena is also regarded as R&D. However, the search for minerals using existing methods is excluded from R&D.

(k) Prototypes and pilot plants

The design, construction and testing of prototypes generally falls within the scope of R&D. However, trial production and copying of prototypes are excluded from R&D.

The construction and operation of pilot plants is part of R&D provided that these are used to obtain experience or new data for evaluating hypotheses.

Pilot plants are excluded from R&D as soon as the experimental phase is over or as soon as they are used as normal commercial production units, even if they continue to be described as 'pilot plants'.

If a pilot plant is used for combined operations, the component used for R&D is to be estimated.

(l) Other activities

All other activities which are ancillary or consequential to R&D are excluded. Examples of these are interpretative commentary using existing data, forecasting, operations research as a contribution to decision making and the use of standard techniques in applied psychology to classify or diagnose human characteristics.

R&D UNIT TO BE CLASSIFIED

There are some inherent difficulties in formulating a definition of what constitutes a unit of R&D. Because there is a lack of uniformity in organisational structures and considerable variation in the way organisations allocate resources to R&D activities, any **standard** definition of a unit of R&D seems certain to be somewhat theoretic. From a statistical viewpoint it is desirable that R&D expenditure be reported in the smallest cluster which can be classified to a single field of research and a single socio-economic objective. The extent to which it is not practicable to provide this detail will reduce the validity and usefulness of the classification, and the resulting R&D statistics.

R&D UNIT TO BE
CLASSIFIED *continued*

The most common real world references to an R&D unit whose activities are to be classified are **Research Program** and **Research Project**. However, these focal units would seldom approximate the idealised unit of R&D as outlined above. They may or may not correspond to actual organisational structures. In its most simple form, a Research Project may consist of a part of the time and energy of an own account single entity (such as a PhD student).

There are Research Projects, especially in the social sciences, which require a multi-disciplinary approach in order to achieve a purpose. There are also Research Projects which consist of sub-projects. For example, the Commonwealth Scientific and Industrial Research Organisation (CSIRO) has cited a Research Project as often consisting of a set of sub-projects (staff) with a common purpose and one person designated as the project leader.

CHAPTER 2 TYPE OF ACTIVITY CLASSIFICATION

TYPE OF ACTIVITY (TOA)

Four types of activity applicable to R&D are recognised in this classification:

Pure basic research

Strategic basic research

Applied research

Experimental development

Pure basic research is experimental and theoretical work undertaken to acquire new knowledge without looking for long term benefits other than the advancement of knowledge.

Strategic basic research is experimental and theoretical work undertaken to acquire new knowledge directed into specified broad areas in the expectation of useful discoveries. It provides the broad base of knowledge necessary for the solution of recognised practical problems.

Applied research is original work undertaken primarily to acquire new knowledge with a specific application in view. It is undertaken either to determine possible uses for the findings of basic research or to determine new ways of achieving some specific and predetermined objectives.

Experimental development is systematic work, using existing knowledge gained from research or practical experience, that is directed to producing new materials, products or devices, to installing new processes, systems and services, or to improving substantially those already produced or installed.

GUIDELINES FOR CLASSIFYING R&D BY TOA

A Research Project is normally to be classified under only one type of activity. However, there are instances where a research project is large and could potentially be classifiable to more than one type, i.e. a project could have sub-projects with elements of both applied and experimental research. In this case, the proportion of resources attributable to each should be allocated to each type.

CHAPTER 3

RESEARCH FIELDS, COURSES AND DISCIPLINES CLASSIFICATION (RFCD)

NATURE AND PURPOSE OF THE RFCD CLASSIFICATION

This classification allows both R&D activity and other activity within the higher education sector to be categorised.

The categories in the classification include recognised academic disciplines and related major sub-fields taught at universities or tertiary institutions, major fields of research investigated by national research institutions and organisations, and emerging areas of study.

While this classification includes individual specialised fields of national interest, it generally reflects the overall structure of disciplinary fields.

R&D activity is classified according to the field of research undertaken. In this respect, it is the **nature** of the R&D itself which is being examined, rather than the activity of the performing unit or the purpose of the R&D. Higher education courses, units of study and teaching activity are classified according to field.

STRUCTURE OF THE RFCD CLASSIFICATION

The classification is arranged in a hierarchical structure. It has 24 divisions, 139 disciplines and 898 subjects.

The divisions are:

210000	Science—General
220000	Social Sciences, Humanities and Arts—General
230000	Mathematical Sciences
240000	Physical Sciences
250000	Chemical Sciences
260000	Earth Sciences
270000	Biological Sciences
280000	Information, Computing and Communication Sciences
290000	Engineering and Technology
300000	Agricultural, Veterinary and Environmental Sciences
310000	Architecture, Urban Environment and Building
320000	Medical and Health Sciences
330000	Education
340000	Economics
350000	Commerce, Management, Tourism and Services
360000	Policy and Political Science
370000	Studies in Human Society
380000	Behavioural and Cognitive Sciences
390000	Law, Justice and Law Enforcement
400000	Journalism, Librarianship and Curatorial Studies
410000	The Arts
420000	Language and Culture
430000	History and Archaeology
440000	Philosophy and Religion

STRUCTURE OF THE RFCD
CLASSIFICATION *continued*

Divisions, disciplines and subjects are each assigned a six-digit code. Divisions are uniquely identified by the first two digits and the remainder of the code is zero filled. Disciplines are uniquely identified by the first four digits and the remainder of the code is zero filled. Each subject has an unique six-digit code.

There are ninety-nine possible categories at the discipline and subject levels, to allow for future expansion of the classification.

GUIDELINES FOR
CLASSIFYING BY RFCD

The following general procedures are aimed to ensure consistent and successful classification.

A research project or course is to be allocated to a RFCD subject in a hierarchical manner. This is achieved by first determining the **division** in which the research is being performed, then the most relevant **discipline** within that division and then the most relevant **subject** within that discipline.

It is vital to firstly identify the higher level classifications as some subjects, although within different disciplines, have identical titles.

There are two 'general' divisions (210000 Science—General and 220000 Social Sciences, Humanities and Arts—General) and one 'general' discipline (320100 Medicine—General) to enable classification of areas of study which cannot be allocated to more specific categories.

RELATIONSHIP WITH OTHER
CLASSIFICATIONS

The RFCD classification has been designed primarily to meet the needs of the ABS and the Department of Employment, Education, Training and Youth Affairs for classifying courses and research projects to field of study/research and classifying units of study to discipline. It will replace the Field of Research (FOR) classification, included in the 1993 edition of the ASRC, and the Field of Study Classification of Higher Education Courses (FOSCHEC).

Other classifications which are related to fields of study are:

- the ABS Classification of Qualifications (ABSCQ) which, although primarily designed as a classification of qualifications already obtained, may also be used to classify educational courses which lead to these qualifications;

- the Field of Study Classification of Tertiary Education Courses (FOSCTEC) which is based on FOSCHEC with some minor variations to meet the needs of the vocational education and training sector; and

- the International Standard Classification of Education (ISCED) which is a classification of educational programmes rather than qualifications.

The ABS is currently undertaking a comprehensive review of the ABSCQ with the aim of replacing it with an Australian Standard Classification of Education (ASCED). The review is planned to be completed by late 1999. At the detailed level, the ASCED Field of Study Classification will be consistent with the RFCD with additional categories to cover uniquely vocational education and training sector subjects.

RELATIONSHIP WITH OTHER
CLASSIFICATIONS *continued*

For further information, or advice on the relationship between these classifications, contact the Director, Classifications and Data Standards Section, ABS on 02 6252 6300.

Three major field of research classifications are:

- the OECD Fields of Science and Technology Classification, a two level classification incorporated into the fifth revision of the OECD Proposed Standard Practice for Surveys of Research and Experimental Development, Frascati Manual;

- the European Economic Community (EEC) Sciences Classification, a three level classification used within certain member countries of the EEC, particularly in Belgium; and

- the US National Science Foundation (NSF) Classification, a two level classification used by that Foundation in the measurement of national science indicators.

For advice on the relationship between these classifications and the RFCD, contact the Assistant Director, Research and Development Statistics, ABS on 02 6252 5627.

RESEARCH FIELDS, COURSES AND DISCIPLINES CLASSIFICATION (RFCD)

Division	Discipline	Subject	
210000			**SCIENCE—GENERAL**
220000			**SOCIAL SCIENCES, HUMANITIES AND ARTS—GENERAL**
230000			**MATHEMATICAL SCIENCES**
	230100		**Mathematics**
		230101	Mathematical Logic, Set Theory, Lattices and Combinatorics
		230102	Number Theory and Field Theory
		230103	Rings and Algebras
		230104	Category Theory, K Theory, Homological Algebra
		230105	Group Theory and Generalisations (incl. Topological Groups and Lie Groups)
		230106	Real and Complex Functions
		230107	Differential, Difference and Integral Equations
		230108	Harmonic and Fourier Analysis
		230109	Functional Analysis
		230110	Calculus of Variations and Control Theory
		230111	Geometry
		230112	Topology and Manifolds
		230113	Dynamical Systems
		230114	Functions of Several Complex Variables
		230115	Approximation Theory
		230116	Numerical Analysis
		230117	Operations Research
		230118	Optimisation
		230119	Systems Theory and Control
		230199	Mathematics not elsewhere classified
	230200		**Statistics**
		230201	Probability Theory
		230202	Stochastic Analysis and Modelling
		230203	Statistical Theory
		230204	Applied Statistics
		230299	Statistics not elsewhere classified
	239900		**Other Mathematical Sciences**
		239901	Biological Mathematics
		239902	Actuarial Mathematics
		239903	Risk Theory
		239904	Theory of Graduation
		239999	Mathematical Sciences not elsewhere classified
240000			**PHYSICAL SCIENCES**
	240100		**Astronomical Sciences**
		240101	Astronomy and Astrophysics
		240102	Cosmic Ray Physics
		240199	Astronomical Sciences not elsewhere classified
	240200		**Theoretical and Condensed Matter Physics**
		240201	Theoretical Physics
		240202	Condensed Matter Physics—Structural Properties
		240203	Condensed Matter Physics—Electronic and Magnetic Properties; Superconductivity
		240204	Condensed Matter Physics—Other
	240300		**Atomic and Molecular Physics; Nuclear and Particle Physics; Plasma Physics**
		240301	Atomic and Molecular Physics
		240302	Nuclear and Particle Physics
		240303	Plasmas and Electrical Discharges
		240304	Other Plasma Physics

Division	Discipline	Subject

	240400		**Optical Physics**
		240401	Optics and Opto-electronic Physics
		240402	Quantum Optics and Lasers
		240499	Optical Physics not elsewhere classified
	240500		**Classical Physics**
		240501	Acoustics and Acoustical Devices; Waves
		240502	Fluid Physics
		240503	Thermodynamics and Statistical Physics
		240504	Electrostatics and Electrodynamics
		240599	Classical Physics not elsewhere classified
	249900		**Other Physical Sciences**
		249901	Biophysics
		249902	Medical Physics
		249903	Instruments and Techniques
		249999	Physical Sciences not elsewhere classified
250000			**CHEMICAL SCIENCES**
	250100		**Physical Chemistry (incl. Structural)**
		250101	Chemical Thermodynamics and Energetics
		250102	Chemistry of Catalysis
		250103	Colloid and Surface Chemistry
		250104	Chemical Spectroscopy
		250105	Structural Chemistry
		250106	Mechanisms of Reactions
		250107	Electrochemistry
		250199	Physical Chemistry not elsewhere classified
	250200		**Inorganic Chemistry**
		250201	Transition Metal Chemistry
		250202	Main Group Metal Chemistry
		250203	Solid State Chemistry
		250204	Bioinorganic Chemistry
		250205	Non-Metal Chemistry
		250206	f-Block Chemistry
		250299	Inorganic Chemistry not elsewhere classified
	250300		**Organic Chemistry**
		250301	Organic Chemical Synthesis
		250302	Biological and Medical Chemistry
		250303	Physical Organic Chemistry
		250399	Organic Chemistry not elsewhere classified
	250400		**Analytical Chemistry**
		250401	Separation Science
		250402	Analytical Spectrometry
		250403	Electroanalytical Chemistry
		250404	Flow Analysis
		250405	Sensor (Chemical and Bio-) Technology
		250406	Immunological and Bioassay Methods
		250407	Other Instrumental Methods
		250408	Chemometrics
		250409	Quality Assurance, Traceability and Metrological Chemistry
		250499	Analytical Chemistry not elsewhere classified
	250500		**Macromolecular Chemistry**
		250501	Synthesis of Macromolecules
		250502	Physical Chemistry of Macromolecules
		250503	Characterisation of Macromolecules
		250504	Polymerisation Mechanisms
		250599	Macromolecular Chemistry not elsewhere classified

Division	Discipline	Subject	
	250600		**Theoretical and Computational Chemistry**
		250601	Quantum Chemistry
		250602	Statistical Mechanics
		250603	Reaction Kinetics and Dynamics
		250604	Radiation and Matter
		250605	Theory of Materials
		250606	Macromolecular Design
		250699	Theoretical and Computational Chemistry not elsewhere classified
	259900		**Other Chemical Sciences**
		259901	Organometallic Chemistry
		259902	Environmental Chemistry (incl. Atmospheric Chemistry)
		259903	Industrial Chemistry
		259904	Supramolecular Chemistry
		259999	Chemical Sciences not elsewhere classified
260000			**EARTH SCIENCES**
	260100		**Geology**
		260101	Mineralogy and Crystallography
		260102	Igneous and Metamorphic Petrology
		260103	Vulcanology
		260104	Sedimentology
		260105	Petroleum Geology
		260106	Ore Deposit Petrology
		260107	Structural Geology
		260108	Geotectonics
		260109	Geochronology
		260110	Biostratigraphy
		260111	Other Stratigraphy (incl. Sequence Stratigraphy)
		260112	Palaeontology
		260113	Palynology
		260114	Geomorphology
		260115	Glaciology
		260199	Geology not elsewhere classified
	260200		**Geophysics**
		260201	Gravity
		260202	Geomagnetism
		260203	Electromagnetism
		260204	Petrophysics
		260205	Explosion Seismology
		260206	Earthquake Seismology
		260207	Radiometrics
		260299	Geophysics not elsewhere classified
	260300		**Geochemistry**
		260301	Geochronology and Isotope Geochemistry
		260302	Exploration Geochemistry
		260303	Organic Geochemistry not elsewhere classified
		260304	Inorganic Geochemistry not elsewhere classified
		260399	Geochemistry not elsewhere classified
	260400		**Oceanography**
		260401	Biological Oceanography
		260402	Chemical Oceanography
		260403	Physical Oceanography
		260499	Oceanography not elsewhere classified
	260500		**Hydrology**
		260501	Groundwater Hydrology
		260502	Surfacewater Hydrology
		260599	Hydrology not elsewhere classified

Division	Discipline	Subject	
	260600		**Atmospheric Sciences**
		260601	Meteorology
		260602	Climatology (incl. Palaeoclimatology)
		260603	Ionospheric and Magnetospheric Physics
		260699	Atmospheric Sciences not elsewhere classified
	269900		**Other Earth Sciences**
		269901	Physical Geography
		269999	Earth Sciences not elsewhere classified
270000			**BIOLOGICAL SCIENCES**
	270100		**Biochemistry and Cell Biology**
		270101	Analytical Biochemistry
		270102	Cell Metabolism
		270103	Protein Targeting and Signal Transduction
		270104	Membrane Biology
		270105	Cellular Interactions (incl. Adhesion, Matrix, Cell Wall)
		270106	Cell Development (incl. Cell Division and Apoptosis)
		270107	Cell Neurochemistry
		270108	Enzymes
		270199	Biochemistry and Cell Biology not elsewhere classified
	270200		**Genetics**
		270201	Gene Expression
		270202	Genome Structure
		270203	Population and Ecological Genetics
		270204	Anthropological Genetics
		270205	Genetic Development (incl. Sex Determination)
		270206	Genetic Immunology
		270207	Quantitative Genetics
		270208	Molecular Evolution
		270209	Meiosis and Recombination
		270210	Neurogenetics
		270299	Genetics not elsewhere classified
	270300		**Microbiology**
		270301	Bacteriology
		270302	Archaebacteriology
		270303	Virology
		270304	Infectious Agents
		270305	Mycology
		270306	Microbial Genetics
		270307	Microbial Ecology
		270308	Microbial Systematics, Taxonomy and Phylogeny
		270399	Microbiology not elsewhere classified
	270400		**Botany**
		270401	Plant Systematics, Taxonomy and Phylogeny
		270402	Plant Physiology
		270403	Plant Pathology
		270404	Phycology
		270499	Botany not elsewhere classified
	270500		**Zoology**
		270501	Animal Systematics, Taxonomy and Phylogeny
		270502	Neurobiology
		270503	Animal Anatomy and Histology
		270504	Invertebrate Biology
		270599	Zoology not elsewhere classified

Division	Discipline	Subject	
	270600		**Physiology**
		270601	Animal Physiology—Biophysics
		270602	Animal Physiology—Cell
		270603	Animal Physiology—Systems
		270604	Comparative Physiology
		270699	Physiology not elsewhere classified
	270700		**Ecology and Evolution**
		270701	Freshwater Ecology
		270702	Marine and Estuarine Ecology (incl. Marine Ichthyology)
		270703	Terrestrial Ecology
		270704	Landscape Ecology
		270705	Palaeoecology
		270706	Life Histories (incl. Population Ecology)
		270707	Sociobiology and Behavioural Ecology
		270708	Conservation and Biodiversity
		270709	Biogeography
		270799	Ecology and Evolution not elsewhere classified
	270800		**Biotechnology**
		270801	Gene Therapy
		270802	Diagnostic Applications
		270803	Transgenesis
		270804	Genetic Technologies: Transformation, Site-directed Mutagenesis, etc.
		270805	Genetic Engineering and Enzyme Technology
		270899	Biotechnology not elsewhere classified
	279900		**Other Biological Sciences**
		279901	Global Change Biology
		279999	Biological Sciences not elsewhere classified
280000			**INFORMATION, COMPUTING AND COMMUNICATION SCIENCES**
	280100		**Information Systems**
		280101	Information Systems Organisation
		280102	Information Systems Management
		280103	Information Storage, Retrieval and Management
		280104	Computer-Human Interaction
		280105	Interfaces and Presentation (excl. Computer-Human Interaction)
		280106	Interorganisational Information Systems
		280107	Global Information Systems
		280108	Database Management
		280109	Decision Support and Group Support Systems
		280110	Systems Theory
		280111	Conceptual Modelling
		280112	Information Systems Development Methodologies
		280199	Information Systems not elsewhere classified
	280200		**Artificial Intelligence and Signal and Image Processing**
		280201	Expert Systems
		280202	Computer Graphics
		280203	Image Processing
		280204	Signal Processing
		280205	Text Processing
		280206	Speech Recognition
		280207	Pattern Recognition
		280208	Computer Vision
		280209	Intelligent Robotics
		280210	Simulation and Modelling
		280211	Virtual Reality and Related Simulation
		280212	Neural Networks, Genetic Alogrithms and Fuzzy Logic
		280213	Other Artificial Intelligence

Division	Discipline	Subject	
	280300		**Computer Software**
		280301	Programming Techniques
		280302	Software Engineering
		280303	Programming Languages
		280304	Operating Systems
		280305	Multimedia Programming
		280399	Computer Software not elsewhere classified
	280400		**Computation Theory and Mathematics**
		280401	Analysis of Algorithms and Complexity
		280402	Mathematical Logic and Formal Languages
		280403	Logics and Meanings of Programs
		280404	Numerical Analysis
		280405	Discrete Mathematics
		280406	Mathematical Software
		280499	Computation Theory and Mathematics not elsewhere classified
	280500		**Data Format**
		280501	Data Structures
		280502	Data Storage Representations
		280503	Files
		280504	Data Encryption
		280505	Data Security
		280506	Coding and Information Theory
		280599	Data Format not elsewhere classified
	289900		**Other Information, Computing and Communication Sciences**
		289999	Other Information, Computing and Communication Sciences
290000			**ENGINEERING AND TECHNOLOGY**
	290100		**Industrial Biotechnology and Food Sciences**
		290101	Fermentation, Biotechnology and Industrial Microbiology
		290102	Food Engineering
		290103	Food Processing
		290104	Other Food Sciences
		290105	Other Industrial Biotechnology
	290200		**Aerospace Engineering**
		290201	Aerodynamics
		290202	Flight Dynamics
		290203	Aerospace Structures
		290204	Aircraft Performance
		290205	Flight Control Systems
		290206	Aerospace Electrical Systems
		290207	Satellite, Space Vehicle and Missile Design
		290299	Aerospace Engineering not elsewhere classified
	290300		**Manufacturing Engineering**
		290301	Robotics and Mechatronics
		290302	Flexible Manufacturing Systems
		290303	CAD/CAM Systems
		290304	Control Engineering
		290305	Welding Technology
		290306	Textile Technology
		290307	Printing Technology
		290308	Packaging, Storage and Transportation
		290309	Safety and Quality
		290399	Manufacturing Engineering not elsewhere classified
	290400		**Automotive Engineering**
		290401	Automotive Engineering
	290500		**Mechanical and Industrial Engineering**
		290501	Mechanical Engineering
		290502	Industrial Engineering

Division	Discipline	Subject	
	290600		**Chemical Engineering**
		290601	Chemical Engineering Design
		290602	Process Control and Simulation
		290603	Membrane and Separation Technologies
		290699	Chemical Engineering not elsewhere classified
	290700		**Resources Engineering**
		290701	Mining Engineering
		290702	Mineral Processing
		290703	Petroleum and Reservoir Engineering
		290704	Geomechanics
		290799	Resources Engineering not elsewhere classified
	290800		**Civil Engineering**
		290801	Structural Engineering
		290802	Water and Sanitary Engineering
		290803	Transport Engineering
		290804	Construction Engineering
		290805	Geotechnical Engineering
		290899	Civil Engineering not elsewhere classified
	290900		**Electrical and Electronic Engineering**
		290901	Electrical Engineering
		290902	Integrated Circuits
		290903	Other Electronic Engineering
	291000		**Geomatic Engineering**
		291001	Geodesy
		291002	Surveying
		291003	Photogrammetry and Remote Sensing
		291004	Spatial Information Systems
		291005	Navigation and Position Fixing
		291006	Cartography
		291099	Geomatic Engineering not elsewhere classified
	291100		**Environmental Engineering**
		291101	Environmental Engineering Modelling
		291102	Bio-remediation
		291103	Environmental Engineering Design
		291104	Environmental Technologies
		291199	Environmental Engineering not elsewhere classified
	291200		**Maritime Engineering**
		291201	Naval Architecture
		291202	Ship and Platform Hydrodynamics
		291203	Ship and Platform Structures
		291204	Marine Engineering
		291205	Ocean Engineering
		291206	Special Vehicles
		291299	Maritime Engineering not elsewhere classified
	291300		**Metallurgy**
		291301	Process Metallurgy
		291302	Physical Metallurgy
	291400		**Materials Engineering**
		291401	Polymers
		291402	Composite Materials
		291403	Alloy Materials
		291404	Ceramics
		291405	Timber
		291406	Pulp and Paper
		291407	Plastics
		291499	Materials Engineering not elsewhere classified

Division	Discipline	Subject	

	291500		**Biomedical Engineering**
		291501	Clinical Engineering
		291502	Rehabilitation Engineering
		291503	Biomaterials
		291504	Biomechanical Engineering
		291599	Biomedical Engineering not elsewhere classified
	291600		**Computer Hardware**
		291601	Arithmetic and Logic Structures
		291602	Memory Structures
		291603	Input, Output and Data Devices
		291604	Logic Design
		291605	Processor Architectures
		291699	Computer Hardware not elsewhere classified
	291700		**Communications Technologies**
		291701	Antenna Technology
		291702	Optical and Photonic Systems
		291703	Digital Systems
		291704	Computer Communications Networks
		291705	Microwave and Millimetrewave Technology
		291706	Broadband Network Technology
		291707	Modem Technology
		291708	Baseband Technology
		291709	Satellite Communications
		291710	Radio Communications and Broadcasting not elsewhere classified
		291799	Communications Technologies not elsewhere classified
	291800		**Interdisciplinary Engineering**
		291801	Fluidization and Fluid Mechanics
		291802	Heat and Mass Transfer Operations
		291803	Turbulent Flows
		291804	Nanotechnology
		291899	Interdisciplinary Engineering not elsewhere classified
	299900		**Other Engineering and Technology**
		299901	Agricultural Engineering
		299902	Combustion and Fuel Engineering
		299903	Biosensor Technologies
		299904	Engineering/Technology Instrumentation
		299999	Engineering and Technology not elsewhere classified
300000			**AGRICULTURAL, VETERINARY AND ENVIRONMENTAL SCIENCES**
	300100		**Soil and Water Sciences**
		300101	Soil Physics
		300102	Soil Biology
		300103	Soil Chemistry
		300104	Land Capability and Soil Degradation
		300105	Applied Hydrology (Drainage, Flooding, Irrigation, Quality, etc.)
		300199	Soil and Water Sciences not elsewhere classified
	300200		**Crop and Pasture Production**
		300201	Plant Biochemistry and Physiology
		300202	Plant Nutrition
		300203	Plant Improvement (Selection, Breeding and Genetic Engineering)
		300204	Plant Protection (Pests, Diseases and Weeds)
		300205	Agronomy
		300206	Post Harvest Technologies (Transportation and Storage)
		300299	Crop and Pasture Production not elsewhere classified

Division	Discipline	Subject	
	300300		**Horticulture**
		300301	Plant Improvement (Selection, Breeding and Genetic Engineering)
		300302	Plant Growth and Development
		300303	Plant Protection (Pests, Diseases and Weeds)
		300304	Post Harvest Technologies
		300305	Oenology and Viticulture
		300399	Horticulture not elsewhere classified
	300400		**Animal Production**
		300401	Animal Breeding
		300402	Animal Reproduction
		300403	Animal Nutrition
		300404	Animal Husbandry
		300405	Animal Protection (Pests and Pathogens)
		300406	Animal Growth and Development
		300499	Animal Production not elsewhere classified
	300500		**Veterinary Sciences**
		300501	Veterinary Medicine
		300502	Anaesthesiology and Intensive Care
		300503	Epidemiology
		300504	Immunology
		300505	Anatomy and Physiology
		300506	Pathology
		300507	Microbiology (excl. Virology)
		300508	Parasitology
		300509	Radiology and Imaging
		300510	Virology
		300511	Surgery
		300512	Pharmacology
		300599	Veterinary Sciences not elsewhere classified
	300600		**Forestry Sciences**
		300601	Nutrition and Physiology
		300602	Tree Improvement (Selection, Breeding and Genetic Engineering)
		300603	Pests, Health and Diseases
		300604	Management and Environment
		300605	Fire Management
		300606	Agroforestry
		300699	Forestry Sciences not elsewhere classified
	300700		**Fisheries Sciences**
		300701	Physiology and Genetics
		300702	Pests and Diseases
		300703	Aquaculture
		300704	Ecosystem Studies and Stock Assessment
		300705	Evaluation of Management Strategies
		300799	Fisheries Sciences not elsewhere classified
	300800		**Environmental Sciences**
		300801	Environmental Management and Rehabilitation
		300802	Wildlife and Habitat Management
		300803	Natural Resource Management
		300804	Environmental Impact Assessment
		300805	Conservation
		300899	Environmental Sciences not elsewhere classified
	300900		**Land, Parks and Agriculture Management**
		300901	Farm Management, Rural Management and Agribusiness
		300902	Land and Parks Management
		300903	Sustainable Development
		300999	Land, Parks and Agriculture Management not elsewhere classified

Division	Discipline	Subject	
	309900		**Other Agricultural, Veterinary and Environmental Sciences**
		309901	Fertilisers and Agrochemicals (Application etc.)
		309902	Education and Extension
		309999	Agricultural, Veterinary and Environmental Sciences not elsewhere classified
310000			**ARCHITECTURE, URBAN ENVIRONMENT AND BUILDING**
	310100		**Architecture and Urban Environment**
		310101	Architecture
		310102	Heritage and Conservation
		310103	Urban and Regional Planning
		310104	Landscape Planning
		310105	History of the Built Environment
		310106	Interior and Environmental Design
		310199	Architecture and Urban Environment not elsewhere classified
	310200		**Building**
		310201	Building Science and Techniques
		310202	Building Construction Management
		310203	Building Construction Economics (incl. Quantity Surveying)
		310299	Building not elsewhere classified
	319900		**Other Architecture, Urban Environment and Building**
		319999	Other Architecture, Urban Environment and Building
320000			**MEDICAL AND HEALTH SCIENCES**
	320100		**Medicine—general**
	320200		**Immunology**
		320201	Allergy
		320202	Cellular Immunology
		320203	Humoral Immunology and Immunochemistry
		320204	Immunogenetics
		320205	Transplantation Immunology
		320206	Tumor Immunology
		320207	Autoimmunity
		320299	Immunology not elsewhere classified
	320300		**Medical Biochemistry and Clinical Chemistry**
		320301	Clinical Chemistry
		320302	Medical Biochemistry: Carbohydrates
		320303	Medical Biochemistry: Lipids
		320304	Medical Biochemistry: Nucleic Acids
		320305	Medical Biochemistry: Proteins and Peptides
		320306	Medical Biochemistry: Phospholipids
		320307	Medical Biochemistry: Other
	320400		**Medical Microbiology**
		320401	Medical Bacteriology
		320402	Medical Virology
		320403	Medical Infection Agents (incl. Prions)
		320404	Medical Mycology
		320405	Medical Parasitology
		320499	Medical Microbiology not elsewhere classified
	320500		**Pharmacology and Pharmaceutical Sciences**
		320501	Pharmaceutical Sciences and Pharmacy
		320502	Basic Pharmacology
		320503	Clinical Pharmacology and Therapeutics
		320504	Toxicology (incl. Clinical Toxicology)
		320599	Pharmacology not elsewhere classified

Division	Discipline	Subject	
	320600		**Medical Physiology**
		320601	Human Biophysics
		320602	Cell Physiology
		320603	Systems Physiology
		320699	Medical Physiology not elsewhere classified
	320700		**Neurosciences**
		320701	Autonomic Nervous System
		320702	Central Nervous System
		320703	Peripheral Nervous System
		320704	Cellular Nervous System
		320705	Sensory Systems
		320799	Neurosciences not elsewhere classified
	320800		**Dentistry**
		320801	Oral Surgery
		320802	Dentistry Support
		320803	Dental Technology
		320804	Dental Therapy
		320899	Dentistry not elsewhere classified
	320900		**Optometry**
		320901	Optical Technology
		320999	Optometry not elsewhere classified
	321000		**Clinical Sciences**
		321001	Anaesthesiology
		321002	Dermatology
		321003	Cardiology (incl. Cardiovascular Diseases)
		321004	Endocrinology
		321005	Fetal Development and Medicine
		321006	Gastroenterology and Hepatology
		321007	Geriatrics and Gerontology
		321008	Haematology
		321009	Intensive Care
		321010	Infectious Diseases
		321011	Medical Genetics
		321012	Nephrology and Urology
		321013	Neurology and Neuromuscular Diseases
		321014	Obstetrics and Gynaecology
		321015	Oncology and Carcinogenesis
		321016	Opthalmology and Vision Science
		321017	Orthopaedics
		321018	Otorhinolaryngology
		321019	Paediatrics
		321020	Pathology
		321021	Psychiatry
		321022	Radiology and Organ Imaging
		321023	Radiotherapy and Nuclear Medicine
		321024	Rehabilitation and Therapy: Occupational and Physical
		321025	Rehabilitation and Therapy: Hearing and Speech
		321026	Reproduction
		321027	Respiratory Diseases
		321028	Rheumatology and Arthritis
		321029	Surgery
		321030	Venereology
		321099	Clinical Sciences not elsewhere classified

Division	Discipline	Subject	

	321100		**Nursing**
		321101	Midwifery
		321102	Clinical Nursing: Primary (Preventative)
		321103	Clinical Nursing: Secondary (Acute Care)
		321104	Clinical Nursing: Tertiary (Rehabilitative)
		321105	Mental Health Nursing
		321106	Aged Care Nursing
		321199	Nursing not elsewhere classified
	321200		**Public Health and Health Services**
		321201	Environmental and Occupational Health and Safety
		321202	Epidemiology
		321203	Health Information Systems (incl. Surveillance)
		321204	Mental Health
		321205	Nutrition and Dietetics
		321206	Preventive Medicine
		321207	Indigenous Health
		321208	Primary Health Care
		321209	Family Care
		321210	Community Child Health
		321211	Residential Client Care
		321212	Care for Disabled
		321213	Human Bioethics
		321214	Health and Community Services
		321215	Health Care Administration
		321216	Health Promotion
		321217	Health Counselling
		321299	Public Health and Health Services not elsewhere classified
	321300		**Complementary/alternative Medicine**
		321301	Oriental Medicine and Treatments
		321302	Chiropractic
		321303	Naturopathy
		321399	Complementary/Alternative Medicine not elsewhere classified
	321400		**Human Movement and Sports Science**
		321401	Exercise Physiology
		321402	Biomechanics
		321403	Motor Control
		321404	Sport and Exercise Psychology
		321405	Sports Medicine
		321499	Human Movement and Sports Science not elsewhere classified
	329900		**Other Medical and Health Sciences**
		329901	Podiatry
		329902	Medical Biotechnology
		329903	Therapies and Therapeutic Technology
		329999	Medical and Health Sciences not elsewhere classified
330000			**EDUCATION**
	330100		**Education Studies**
		330101	Educational Psychology
		330102	History and Philosophy of Education
		330103	Sociology of Education
		330104	Educational Policy, Administration and Management
		330105	Educational Counselling
		330106	Comparative Education
		330107	Educational Technology and Media
		330108	Special Education
		330109	Assessment and Evaluation
		330199	Education Studies not elsewhere classified

Division	Discipline	Subject	
	330200		**Curriculum Studies**
		330201	Curriculum Studies: English Education
		330202	Curriculum Studies: Mathematics Education
		330203	Curriculum Studies: Science Education
		330204	Curriculum Studies: Economics, Commerce, Management and Services Education
		330205	Curriculum Studies: Other Social Sciences, Humanities and Arts Education
		330206	Curriculum Theory and Development
		330299	Curriculum Studies not elsewhere classified
	330300		**Professional Development of Teachers**
		330301	Teacher Education: Early Childhood
		330302	Teacher Education: Primary
		330303	Teacher Education: Secondary
		330304	Teacher Education: Vocational Education and Training
		330305	Teacher Education: Higher Education
		330306	Teacher Education: Special Education
		330307	Teacher Education: Nursing and Health
		330399	Professional Development of Teachers not elsewhere classified
	339900		**Other Education**
		339999	Other Education
340000			**ECONOMICS**
	340100		**Economic Theory**
		340101	Microeconomic Theory
		340102	Macroeconomic Theory
		340103	Mathematical Economics
		340199	Economic Theory not elsewhere classified
	340200		**Applied Economics**
		340201	Agricultural Economics
		340202	Environment and Resource Economics
		340203	Finance Economics
		340204	Health Economics
		340205	Industry Economics and Industrial Organisation
		340206	International Economics and International Finance
		340207	Labour Economics
		340208	Macroeconomics (incl. Monetary and Fiscal Theory)
		340209	Public Sector Economics
		340210	Welfare Economics
		340211	Transport Economics
		340212	Economic Geography
		340213	Economic Development and Growth
		340214	Urban and Regional Economics
		340299	Applied Economics not elsewhere classified
	340300		**Economic History and History of Economic Thought**
		340301	Economic History
		340302	History of Economic Thought
	340400		**Econometrics**
		340401	Economic Models and Forecasting
		340402	Econometric and Statistical Methods
		340403	Time-Series Analysis
		340404	Cross-Sectional Analysis
		340405	Panel Data Analysis
		340499	Econometrics not elsewhere classified
	349900		**Other Economics**
		349901	Political Economy
		349902	Comparative Economic Systems
		349999	Economics not elsewhere classified

Division	Discipline	Subject	
350000			**COMMERCE, MANAGEMENT, TOURISM AND SERVICES**
	350100		Accounting, Auditing and Accountability
		350101	Financial Accounting
		350102	Management Accounting
		350103	Auditing and Accountability
		350104	Taxation
		350105	Bookkeeping
		350106	International Accounting
		350107	Other Accounting
	350200		Business and Management
		350201	Human Resources Management
		350202	Business Information Systems (incl. Data Processing)
		350203	Industrial Relations
		350204	Marketing and Market Research
		350205	Sales and Distribution
		350206	Advertising and Public Relations
		350207	Office Services
		350208	Organisational Planning and Management
		350209	Small Business Management
		350210	Quality Management
		350211	Innovation and Technology Management
		350212	International Business
		350213	Electronic Commerce
		350299	Business and Management not elsewhere classified
	350300		Banking, Finance and Investment
		350301	Finance
		350302	Financial Econometrics
		350303	Financial Institutions (incl. Banking)
		350304	Insurance Studies
		350399	Banking, Finance and Investment not elsewhere classified
	350400		Transportation
		350401	Aeronautical Transportation
		350402	Aircrew Training
		350403	Nautical Transportation
		350404	Marine Crew Training
		350405	Road and Rail Transportation
		350499	Transportation not elsewhere classified
	350500		Tourism
		350501	Tourism Policy and Planning
		350502	Tourism Resource Appraisal
		350503	Impacts of Tourism
		350504	Tourist Behaviour
		350505	Tourism Economics
		350506	Tourism Forecasting
		350507	Tourism Management
		350508	Tourism Marketing
		350599	Tourism not elsewhere classified
	350600		Services
		350601	Hospitality Management
		350602	Food and Hospitality Services
		350603	Real Estate and Valuation
		350604	Professional Services (Legal, Management Consulting, etc.)
		350605	Other Retail Services
		350606	Wholesale Services
		350699	Services not elsewhere classified
	359900		Other Commerce, Management, Tourism and Services
		359999	Other Commerce, Management, Tourism and Services

Division	Discipline	Subject	

360000   **POLICY AND POLITICAL SCIENCE**

     360100   **Political Science**

		360101	Australian Government and Politics
		360102	Comparative Government and Politics
		360103	Federalism and Intergovernmental Relations
		360104	Political Theory and Political Philosophy
		360105	International Relations
		360199	Political Science not elsewhere classified

     360200   **Policy and Administration**

		360201	Public Policy
		360202	Public Administration
		360203	Research, Science and Technology Policy
		360204	Defence Studies
		360299	Policy and Administration not elsewhere classified

     369900   **Other Policy and Political Science**

		369999	Other Policy and Political Science

370000   **STUDIES IN HUMAN SOCIETY**

     370100   **Sociology**

		370101	Social Theory
		370102	Social Policy and Planning
		370103	Race and Ethnic Relations
		370104	Urban Sociology and Community Studies
		370105	Applied Sociology, Program Evaluation and Social Impact Assessment
		370106	Sociological Methodology and Research Methods
		370107	Social Change
		370199	Sociology not elsewhere classified

     370200   **Social Work**

		370201	Clinical Social Work Practice
		370202	Social Program Evaluation
		370203	Social Policy
		370204	Counselling, Welfare and Community Services
		370299	Social Work not elsewhere classified

     370300   **Anthropology**

		370301	Biological (Physical) Anthropology
		370302	Social and Cultural Anthropology
		370303	Linguistic Anthropology
		370399	Anthropology not elsewhere classified

     370400   **Human Geography**

		370401	Urban and Regional Studies
		370402	Social and Cultural Geography
		370403	Recreation and Leisure Studies
		370499	Human Geography not elsewhere classified

     370500   **Demography**

		370501	Population Trends and Policies
		370502	Migration
		370503	Fertility
		370504	Family and Household Studies
		370599	Demography not elsewhere classified

     370600   **History and Philosophy of Science and Medicine**

		370601	History and Philosophy of Science and Technology
		370602	Sociology and Social Studies of Science and Technology
		370603	History and Philosophy of Medicine
		370699	History and Philosophy of Science and Medicine not elsewhere classified

Division	Discipline	Subject	

379900 **Other Studies in Human Society**
379901 Gender Specific Studies
379902 Aboriginal Studies
379999 Studies in Human Society not elsewhere classified

380000 **BEHAVIOURAL AND COGNITIVE SCIENCES**

380100 **Psychology**
380101 Sensory Processes, Perception and Performance
380102 Learning, Memory, Cognition and Language
380103 Biological Psychology (Neuropsychology, Psychopharmacology, Physiological Psychology)
380104 Personality, Abilities and Assessment
380105 Social and Community Psychology
380106 Developmental Psychology and Ageing
380107 Health, Clinical and Counselling Psychology
380108 Industrial and Organisational Psychology
380109 Psychological Methodology, Design and Analysis
380199 Psychology not elsewhere classified

380200 **Linguistics**
380201 Applied Linguistics and Educational Linguistics
380202 Computational Linguistics
380203 Discourse and Pragmatics
380204 Laboratory Phonetics and Speech Science
380205 Language in Culture and Society (Sociolinguistics)
380206 Language in Time and Space (incl. Historical Linguistics, Dialectology)
380207 Linguistic Structures (incl. Grammar, Phonology, Lexicon, Semantics)
380208 Lexicography
380299 Linguistics not elsewhere classified

380300 **Cognitive Science**
380301 Philosophy of Cognition
380302 Linguistic Processes (incl. Speech Production and Comprehension)
380303 Computer Perception, Memory and Attention
380304 Neurocognitive Patterns and Neural Networks
380305 Knowledge Representation and Machine Learning
380306 Planning and Problem Solving
380399 Cognitive Science not elsewhere classified

389900 **Other Behavioural and Cognitive Sciences**
389999 Other Behavioural and Cognitive Sciences

390000 **LAW, JUSTICE AND LAW ENFORCEMENT**

390100 **Law**
390101 Administrative Law
390102 Comparative Law
390103 Constitutionalism and Constitutional Law
390104 Commercial and Contract Law
390105 Corporations and Associations Law
390106 Criminal Law
390107 Environmental and Natural Resources Law
390108 Family Law
390109 Civil Law
390110 Indigenous Law
390111 International Law
390112 Law and Literature
390113 Legal History
390114 Intellectual Property
390115 Property Law and Conveyancing (excl. Intellectual Property)
390116 Labour Law
390117 Tort Law

Division	Discipline	Subject	

	390100		**Law** *continued*
		390118	Taxation Law
		390119	Equity Law
		390120	Trust Law
		390199	Law not elsewhere classified
	390200		**Professional Development of Law Practitioners**
		390201	Legal Practice
		390202	Adjudication
		390203	Legal Education
		390204	Professional Ethics
		390299	Professional Development of Law Practitioners not elsewhere classified
	390300		**Justice and Legal Studies**
		390301	Justice Systems and Administration
		390302	Jurisprudence and Legal Theory
		390303	Human Rights
		390304	Counselling and Mediation Services
		390305	Law and Society
		390399	Justice and Legal Studies not elsewhere classified
	390400		**Law Enforcement**
		390401	Criminology
		390402	Evidence and Procedure
		390403	Police Administration, Procedures and Practice
		390404	Detection and Prevention of Crime; Security Services
		390405	Correctional Theory and Services; Penology
		390499	Law Enforcement not elsewhere classified
	399900		**Other Law, Justice and Law Enforcement**
		399901	History and Philosophy of Law and Justice
		399999	Law, Justice and Law Enforcement not elsewhere classified
400000			**JOURNALISM, LIBRARIANSHIP AND CURATORIAL STUDIES**
	400100		**Journalism, Communication and Media**
		400101	Journalism
		400102	Technical Writing
		400103	Professional Creative Writing
		400104	Communication and Media Studies
		400199	Journalism, Communication and Media not elsewhere classified
	400200		**Librarianship**
		400201	Librarianship
	400300		**Curatorial Studies**
		400301	Museum Studies
		400302	Archival Studies
		400303	Materials Conservation
		400399	Curatorial Studies not elsewhere classified
	409900		**Other Journalism, Librarianship and Curatorial Studies**
		409999	Other Journalism, Librarianship and Curatorial Studies
410000			**THE ARTS**
	410100		**Performing Arts**
		410101	Music
		410102	Drama, Theatre and Performance Studies
		410103	Dance
		410104	Indigenous Performing Arts
		410199	Performing Arts not elsewhere classified

Division	Discipline	Subject	
	410200		**Visual Arts and Crafts**
		410201	Graphic Arts
		410202	Fine Arts (incl. Sculpture and Painting)
		410203	Photography
		410204	Crafts
		410299	Visual Arts and Crafts not elsewhere classified
	410300		**Cinema, Electronic Arts and Multimedia**
		410301	Film and Video
		410302	Cinema Studies
		410303	Multimedia
		410304	Other Cinema and Electronic Arts
	410400		**Design Studies**
		410401	Design Theory
		410402	Design Innovation
		410403	Design Studio Practice
		410404	Design Management and Professional Practice
		410405	Design History and Cultural Theory
		410499	Design Studies not elsewhere classified
	419900		**Other Arts**
		419901	Art History and Appreciation
		419999	The Arts not elsewhere classified
420000			**LANGUAGE AND CULTURE**
	420100		**Language Studies**
		420101	English
		420102	English as a Second Language
		420103	Aboriginal Languages
		420104	Latin
		420105	Greek
		420106	French
		420107	German
		420108	Italian
		420109	Spanish
		420110	Russian
		420111	Other European Languages
		420112	Chinese Languages
		420113	Japanese
		420114	Indonesian Languages
		420115	Malaysian Languages
		420116	Indian Languages
		420117	Korean
		420118	Vietnamese Languages
		420119	Thai Languages
		420120	Other Asian Languages
		420121	Comparative Language Studies
		420122	Oracy and Oral Traditions
		420199	Language Studies not elsewhere classified
	420200		**Literature Studies**
		420201	British and Irish
		420202	Australian and New Zealand
		420203	North American
		420204	South American
		420205	Latin and Classical Greek
		420206	French
		420207	German
		420208	Italian
		420209	Russian
		420210	Other European
		420211	Chinese

Division	Discipline	Subject	

	420200		**Literature Studies** *continued*
		420212	Japanese
		420213	Indonesian
		420214	Indian
		420215	Other Asian
		420216	Comparative Literature Studies
		420217	Textual Transmission and the Material Record
		420218	Literary Theory
		420219	Stylistics
		420220	Folklore, Myth and Mythologies
		420299	Literature Studies not elsewhere classified
	420300		**Cultural Studies**
		420301	Cultural Policy Studies
		420302	Cultural Theory
		420303	Culture, Gender, Sexuality
		420304	Screen and Media Culture
		420305	Aboriginal Cultural Studies
		420306	Postcolonial and Global Cultural Studies
		420307	Consumption and Everyday Life
		420308	Multicultural, Intercultural and Cross-cultural Studies
		420399	Cultural Studies not elsewhere classified
	429900		**Other Language and Culture**
		429999	Other Language and Culture
430000			**HISTORY AND ARCHAEOLOGY**
	430100		**Historical Studies**
		430101	History: Australian
		430102	History: Asian
		430103	History: Pacific
		430104	History: North American
		430105	History: Latin American
		430106	History: African
		430107	History: British
		430108	History: European
		430109	History: Middle Eastern
		430110	History: Classical Greek and Roman
		430111	History: Other
		430112	Biography
		430199	Historical Studies not elsewhere classified
	430200		**Archaeology and Prehistory**
		430201	Archaeology of Hunter-Gatherer Societies (incl. Pleistocene Archaeology)
		430202	Archaeology of Agricultural and Pastoral Societies
		430203	Archaeology of Complex Societies: Europe, the Mediterranean and the Levant
		430204	Archaeology of Complex Societies: Asia, Africa, Oceania and the Americas
		430205	Historical Archaeology (incl. Industrial Archaeology)
		430206	Maritime Archaeology
		430207	Archaeological Science
		430299	Archaeology and Prehistory not elsewhere classified
	439900		**Other History and Archaeology**
		439999	Other History and Archaeology

Division	Discipline	Subject

440000   **PHILOSOPHY AND RELIGION**

            440100   **Philosophy**

	440101	Aesthetics
	440102	Epistemology
	440103	Ethical Theory
	440104	Applied Ethics (incl. Bioethics and Environmental Ethics)
	440105	History of Philosophy and History of Ideas
	440106	Logic
	440107	Metaphysics
	440108	Philosophy of Language
	440109	Philosophy of Mind (excl. Cognition)
	440110	Social Philosophy
	440111	Phenomenology
	440112	Hermeneutic Theory
	440113	Comparative Philosophy
	440114	Philosophy of Action
	440115	Philosophy of Specific Cultures (e.g. Ancient Greek, Chinese)
	440199	Philosophy not elsewhere classified

            440200   **Religion and Religious Traditions**

	440201	Hindu Studies
	440202	Buddhist Studies
	440203	Jewish Studies
	440204	Christian Theology (incl. Biblical Studies and Church History)
	440205	Islamic Studies
	440206	Studies in Other Religious Traditions
	440207	Religion and Society
	440208	Psychology of Religion
	440209	Philosophy of Religion
	440299	Religion and Religious Traditions not elsewhere classified

            449900   **Other Philosophy and Religion**

	449999	Other Philosophy and Religion

DEFINITIONS

DIVISION 210000 SCIENCE—GENERAL

This division is for use in classifying general courses which cannot be allocated to a more specific division.

DIVISION 220000 SOCIAL SCIENCES, HUMANITIES AND ARTS—GENERAL

This division is for use in classifying general courses which cannot be allocated to a more specific division.

DIVISION 230000 MATHEMATICAL SCIENCES

This division covers mathematics, statistics and other mathematical sciences.

This division has three disciplines:

230100   Mathematics
230200   Statistics
239900   Other Mathematical Sciences

Exclusions:
(a)   Mathematics associated with computer science is included in Division 280000 Information, Computing and Communication Sciences; and
(b)   mathematics and statistics applied in economics are included in Division 340000 Economics.

DISCIPLINE 230100 MATHEMATICS

This discipline covers mathematics.

This discipline has twenty subjects:

230101 Mathematical Logic, Set Theory, Lattices and Combinatorics
230102 Number Theory and Field Theory
230103 Rings and Algebras
230104 Category Theory, K Theory, Homological Algebra
230105 Group Theory and Generalisations (incl. Topological Groups and Lie Groups)
230106 Real and Complex Functions
230107 Differential, Difference and Integral Equations
230108 Harmonic and Fourier Analysis
230109 Functional Analysis
230110 Calculus of Variations and Control Theory
230111 Geometry
230112 Topology and Manifolds
230113 Dynamical Systems
230114 Functions of Several Complex Variables
230115 Approximation Theory
230116 Numerical Analysis
230117 Operations Research
230118 Optimisation
230119 Systems Theory and Control
230199 Mathematics not elsewhere classified

Exclusions:
(a)   Mathematics associated with computer science is included in Division 280000 Information, Computing and Communication Sciences;
(b)   geodesy is included in Discipline 291000 Geomatic Engineering; and
(c)   mathematics applied in economics is included in Division 340000 Economics.

DISCIPLINE 230200 STATISTICS

This discipline covers statistics.

This discipline has five subjects:

230201 Probability Theory
230202 Stochastic Analysis and Modelling
230203 Statistical Theory
230204 Applied Statistics
230299 Statistics not elsewhere classified

Exclusions:
Econometrics, time series analysis and related disciplines are included in Discipline 340400 Econometrics.

DISCIPLINE 239900 OTHER MATHEMATICAL SCIENCES

This discipline covers any mathematical sciences not elsewhere classified.

This discipline has five subjects:

239901 Biological Mathematics
239902 Actuarial Mathematics
239903 Risk Theory
239904 Theory of Graduation
239999 Mathematical Sciences not elsewhere classified

Exclusions:
(a)   Mathematics associated with computer science is included in Division 280000 Information, Computing and Communication Sciences;
(b)   mathematics and statistics applied in economics are included in Division 340000 Economics; and
(c)   life insurance mathematics is included in Discipline 350300 Banking, Finance and Investment.

DIVISION 240000 PHYSICAL SCIENCES

This division covers the physical sciences.

It includes biophysics (other than human biophysics) and medical physics.

This division has six disciplines:

240100   Astronomical Sciences
240200   Theoretical and Condensed Matter Physics
240300   Atomic and Molecular Physics; Nuclear and Particle Physics; Plasma Physics
240400   Optical Physics
240500   Classical Physics
249900   Other Physical Sciences

Exclusions:
(a)   Geophysics is included in Discipline 260200 Geophysics;
(b)   ionospheric and magnetospheric physics are included in Discipline 260600 Atmospheric Sciences;
(c)   technological aspects of the physical sciences are included in the appropriate disciplines in Division 290000 Engineering and Technology;
(d)   soil physics is included in Discipline 300100 Soil and Water Sciences; and
(e)   human biophysics is included in Discipline 320600 Medical Physiology.

DISCIPLINE 240100 ASTRONOMICAL SCIENCES

This discipline covers astronomical sciences, including cosmology.

This discipline has three subjects:

240101 Astronomy and Astrophysics
240102 Cosmic Ray Physics
240199 Astronomical Sciences not elsewhere classified

Exclusions:
Remote sensing and satellite technology are included in Discipline 290200 Aerospace Engineering.

DISCIPLINE 240200 THEORETICAL AND CONDENSED MATTER PHYSICS

This discipline covers theoretical and condensed matter physics.

This discipline has four subjects:

240201 Theoretical Physics
240202 Condensed Matter Physics—Structural Properties
240203 Condensed Matter Physics—Electronic and Magnetic Properties; Superconductivity
240204 Condensed Matter Physics—Other

DISCIPLINE 240300 ATOMIC AND MOLECULAR PHYSICS; NUCLEAR AND PARTICLE PHYSICS; PLASMA PHYSICS

This discipline covers atomic, molecular, nuclear, particle and plasma physics.

This discipline has four subjects:

240301 Atomic and Molecular Physics
240302 Nuclear and Particle Physics
240303 Plasmas and Electrical Discharges
240304 Other Plasma Physics

Exclusions:
Related chemicals are included in Disciplines 250100 Physical Chemistry (incl. Structural) and 250600 Theoretical and Computational Chemistry.

DISCIPLINE 240400 OPTICAL PHYSICS

This discipline covers optical physics.

This discipline has three subjects:

240401 Optics and Opto-electronic Physics
240402 Quantum Optics and Lasers
240499 Optical Physics not elsewhere classified

Exclusions:
Communications technologies are included in Discipline 291700 Communications Technologies.

DISCIPLINE 240500 CLASSICAL PHYSICS

This discipline covers classical physics.

This discipline has five subjects:

240501 Acoustics and Acoustical Devices; Waves
240502 Fluid Physics
240503 Thermodynamics and Statistical Physics
240504 Electrostatics and Electrodynamics
240599 Classical Physics not elsewhere classified

Exclusions:
Communications technologies are included in Discipline 291700 Communications Technologies.

DIVISION 240000 PHYSICAL SCIENCES *continued*

DISCIPLINE 249900 OTHER PHYSICAL SCIENCES

This discipline covers any physical sciences not elsewhere classified.

It includes biophysics (other than human biophysics), medical physics and instruments and techniques.

This discipline has four subjects:

249901 Biophysics
249902 Medical Physics
249903 Instruments and Techniques
249999 Physical Sciences not elsewhere classified

Exclusions:
(a) Geophysics is included in Discipline 260200 Geophysics;
(b) ionospheric and magnetospheric physics are included in Discipline 260600 Atmospheric Sciences;
(c) technological aspects of the physical sciences are included in the appropriate disciplines in Division 290000 Engineering and Technology;
(d) soil physics is included in Discipline 300100 Soil and Water Sciences; and
(e) human biophysics is included in Discipline 320600 Medical Physiology.

DIVISION 250000 CHEMICAL SCIENCES

This division covers the chemical sciences.

It includes immunological and bioassay methods. It also includes atmospheric chemistry.

This division has seven disciplines:

250100	Physical Chemistry (Incl. Structural)
250200	Inorganic Chemistry
250300	Organic Chemistry
250400	Analytical Chemistry
250500	Macromolecular Chemistry
250600	Theoretical and Computational Chemistry
259900	Other Chemical Sciences

Exclusions:
(a) Geochemistry is included in Discipline 260300 Geochemistry;
(b) biochemistry is included in Discipline 270100 Biochemistry and Cell Biology;
(c) chemical engineering is included in Discipline 290600 Chemical Engineering;
(d) soil chemistry is included in Discipline 300100 Soil and Water Sciences; and
(e) medical biochemistry and clinical chemistry is included in Discipline 320300 Medical Biochemistry and Clinical Chemistry.

DISCIPLINE 250100 PHYSICAL CHEMISTRY (INCL. STRUCTURAL)

This discipline covers physical chemistry.

This discipline has eight subjects:

250101 Chemical Thermodynamics and Energetics
250102 Chemistry of Catalysis
250103 Colloid and Surface Chemistry
250104 Chemical Spectroscopy
250105 Structural Chemistry
250106 Mechanisms of Reactions
250107 Electrochemistry
250199 Physical Chemistry not elsewhere classified

Exclusions:
(a) Mechanical and industrial engineering are included in Discipline 290500 Mechanical and Industrial Engineering;
(b) chemical engineering is included in Discipline 290600 Chemical Engineering; and
(c) material sciences are included in Disciplines 291300 Metallurgy, 291400 Materials Engineering and 291500 Biomedical engineering.

DISCIPLINE 250200 INORGANIC CHEMISTRY

This discipline covers inorganic chemistry.

This discipline has seven subjects:

250201 Transition Metal Chemistry
250202 Main Group Metal Chemistry
250203 Solid State Chemistry
250204 Bioinorganic Chemistry
250205 Non-Metal chemistry
250206 f-Block Chemistry
250299 Inorganic Chemistry not elsewhere classified

Exclusions:
Organometallic chemistry, environmental chemistry and industrial chemistry are included in Discipline 259900 Other Chemical Sciences.

DISCIPLINE 250300 ORGANIC CHEMISTRY

This discipline covers organic chemistry, including biological and medical chemistry.

This discipline has four subjects:

250301 Organic Chemical Synthesis
250302 Biological and Medical Chemistry
250303 Physical Organic Chemistry
250399 Organic Chemistry not elsewhere classified

Exclusions:
(a) Immunological and bioassay methods are included in Discipline 250400 Analytical Chemistry;
(b) organometallic chemistry, environmental chemistry and industrial chemistry are included in Discipline 259900 Other Chemical Sciences;
(c) biochemistry is included in Discipline 270100 Biochemistry and Cell Biology;
(d) medical biochemistry and clinical chemistry are included in Discipline 320300 Medical Biochemistry and Clinical Chemistry; and
(e) pharmacology for human use is included in Discipline 320500 Pharmacology and Pharmaceutical Sciences.

DISCIPLINE 250400 ANALYTICAL CHEMISTRY

This discipline covers analytical chemistry.

This discipline has ten subjects:

250401 Separation Science
250402 Analytical Spectrometry
250403 Electroanalytical Chemistry
250404 Flow Analysis
250405 Sensor (Chemical and Bio-) Technology
250406 Immunological and Bioassay Methods
250407 Other Instrumental Methods
250408 Chemometrics
250409 Quality Assurance, Traceability and Metrological Chemistry
250499 Analytical Chemistry not elsewhere classified

DIVISION 250000 CHEMICAL SCIENCES *continued*

DISCIPLINE 250500 MACROMOLECULAR CHEMISTRY

This discipline covers macromolecular chemistry.

This discipline has five subjects:

250501 Synthesis of Macromolecules
250502 Physical Chemistry of Macromolecules
250503 Characterisation of Macromolecules
250504 Polymerisation of Mechanisms
250599 Macromolecular Chemistry not elsewhere classified

DISCIPLINE 250600 THEORETICAL AND COMPUTATIONAL CHEMISTRY

This discipline covers theoretical chemistry and computational chemistry.

This discipline has seven subjects:

250601 Quantum Chemistry
250602 Statistical Mechanics
250603 Reaction Kinetics and Dynamics
250604 Radiation and Matter
250605 Theory of Materials
250606 Macromolecular Design
250699 Theoretical and Computational Chemistry not elsewhere classified

DISCIPLINE 259900 OTHER CHEMICAL SCIENCES

This discipline covers organometallic chemistry, environmental chemistry (incl. atmospheric chemistry), industrial chemistry and any residual chemical sciences not elsewhere classified.

This discipline has five subjects:

259901 Organometallic Chemistry
259902 Environmental Chemistry (incl. Atmospheric Chemistry)
259903 Industrial Chemistry
259904 Supramolecular Chemistry
259999 Chemical Sciences not elsewhere classified

Exclusions:
Soil chemistry is included in Discipline 300100 Soil and Water Sciences.

DIVISION 260000 EARTH SCIENCES

This division covers the earth sciences.

This division has seven disciplines:

260100   Geology
260200   Geophysics
260300   Geochemistry
260400   Oceanography
260500   Hydrology
260600   Atmospheric Sciences
269900   Other Earth Sciences

Exclusions:
(a)   Environmental and atmospheric chemistry are included in Discipline 259900 Other Chemical Sciences;
(b)   mining and mineral processing are included in Discipline 290700 Resources Engineering;
(c)   metallurgy is included in Discipline 291300 Metallurgy;
(d)   materials engineering is included in Discipline 291400 Materials Engineering; and
(e)   soil and water sciences (incl. applied hydrology) are included in Discipline 300100 Soil and Water Sciences.

DISCIPLINE 260100 GEOLOGY

This discipline covers geology.

It includes palaeontology (incl. palaeozoology and palaeobotany) and palynology (other than palynology associated with palaeoecological studies).

This discipline has sixteen subjects:

260101   Mineralogy and Crystallography
260102   Igneous and Metamorphic Petrology
260103   Vulcanology
260104   Sedimentology
260105   Petroleum Geology
260106   Ore Deposit Petrology
260107   Structural Geology
260108   Geotectonics
260109   Geochronology
260110   Biostratigraphy
260111   Other Stratigraphy (incl. Sequence Stratigraphy)
260112   Palaeontology
260113   Palynology
260114   Geomorphology
260115   Glaciology
260199   Geology not elsewhere classified

Exclusions:
(a)   The chemical aspects of crystallography and solid state chemistry are included in Discipline 250200 Inorganic Chemistry;
(b)   palaeoclimatology is included in Discipline 260600 Atmospheric Sciences;
(c)   palaeoecology and palynology associated with palaeoecological studies are included in Discipline 270700 Ecology and Evolution;
(d)   palynology associated with limnological studies is also included in Discipline 270700 Ecology and Evolution;
(e)   mining and mineral processing are included in Discipline 290700 Resources Engineering;
(f)   metallurgy is included in Discipline 291300 Metallurgy; and
(g)   materials engineering is included in Discipline 291400 Materials Engineering.

DISCIPLINE 260200 GEOPHYSICS

This discipline covers geophysics.

This discipline has eight subjects:

260201   Gravity
260202   Geomagnetism
260203   Electromagnetism
260204   Petrophysics
260205   Explosion Seismology
260206   Earthquake Seismology
260207   Radiometrics
260299   Geophysics not elsewhere classified

DISCIPLINE 260300 GEOCHEMISTRY

This discipline covers geochemistry.

This discipline has five subjects:

260301   Geochronology and Isotope Geochemistry
260302   Exploration Geochemistry
260303   Organic Geochemistry not elsewhere classified
260304   Inorganic Geochemistry not elsewhere classified
260399   Geochemistry not elsewhere classified

DISCIPLINE 260400 OCEANOGRAPHY

This discipline covers oceanography.

This discipline has four subjects:

260401   Biological Oceanography
260402   Chemical Oceanography
260403   Physical Oceanography
260499   Oceanography not elsewhere classified

Exclusions:
Marine ecology is included in Discipline 270700 Ecology and Evolution.

DIVISION 260000 EARTH SCIENCES *continued*

DISCIPLINE 260500 HYDROLOGY

This discipline covers hydrology, other than applied hydrology.

This discipline has three subjects:

260501 Groundwater Hydrology
260502 Surfacewater Hydrology
260599 Hydrology not elsewhere classified

Exclusions:
Applied hydrology is included in Discipline 300100 Soil and Water Sciences.

DISCIPLINE 260600 ATMOSPHERIC SCIENCES

This discipline covers atmospheric sciences, other than atmospheric chemistry.

This discipline has four subjects:

260601 Meteorology
260602 Climatology (incl. Palaeoclimatology)
260603 Ionospheric and Magnetospheric Physics
260699 Atmospheric Sciences not elsewhere classified

Exclusions:
Atmospheric chemistry is included in Discipline 259900 Other Chemical Sciences.

DISCIPLINE 269900 OTHER EARTH SCIENCES

This discipline covers earth sciences not elsewhere classified.

It includes physical geography.

This discipline has two subjects:

269901 Physical Geography
269999 Earth Sciences not elsewhere classified

Exclusions:
(a) The physical aspects of limnology are included in Discipline 270700 Ecology and Evolution; and
(b) environmental management and rehabilitation are included in Discipline 300800 Environmental Sciences.

DIVISION 270000 BIOLOGICAL SCIENCES

This division covers the biological or life sciences, other than agricultural sciences or medical and health sciences.

This division has nine disciplines:

270100   Biochemistry and Cell Biology
270200   Genetics
270300   Microbiology
270400   Botany
270500   Zoology
270600   Physiology
270700   Ecology and Evolution
270800   Biotechnology
279900   Other Biological Sciences

Exclusions:
(a) Biological or life sciences associated with agricultural and veterinary sciences, forestry, commercial fishing or other aspects of primary production are included in Division 300000 Agricultural, Veterinary and Environmental Sciences; and
(b) biological or life sciences associated with human health and medicine are included in Division 320000 Medical and Health Sciences.

DISCIPLINE 270100 BIOCHEMISTRY AND CELL BIOLOGY

This discipline covers biochemistry or the chemistry of living organisms.

It includes cell biology and membrane biology.

This discipline has nine subjects:

270101   Analytical Biochemistry
270102   Cell Metabolism
270103   Protein Targeting and Signal Transduction
270104   Membrane Biology
270105   Cellular Interactions (incl. Adhesion, Matrix, Cell Wall)
270106   Cell Development (incl. Cell Division and Apoptosis)
270107   Cell Neurochemistry
270108   Enzymes
270199   Biochemistry and Cell Biology not elsewhere classified

Exclusions:
(a) Plant biochemistry is included in Discipline 300200 Crop and Pasture Production; and
(b) biochemistry associated with medical science is included in Discipline 320300 Medical Biochemistry and Clinical Chemistry.

DISCIPLINE 270200 GENETICS

This discipline covers genetics and heredity.

This discipline has eleven subjects:

270201   Gene Expression
270202   Genome Structure
270203   Population and Ecological Genetics
270204   Anthropological Genetics
270205   Genetic Development (incl. Sex Determination)
270206   Genetic Immunology
270207   Quantitative Genetics
270208   Molecular Evolution
270209   Meiosis and Recombination
270210   Neurogenetics
270299   Genetics not elsewhere classified

Exclusions:
(a) Biotechnology (incl. genetic engineering) is included in Discipline 270800 Biotechnology;
(b) plant genetics is included in Disciplines 300200 Crop and Pasture Production and 300300 Horticulture;
(c) animal genetics associated with animal breeding is included in Discipline 300400 Animal Production; and
(d) genetics associated with medical science is included in Discipline 321000 Clinical Sciences.

DIVISION 270000 BIOLOGICAL SCIENCES *continued*

DISCIPLINE 270300 MICROBIOLOGY

This discipline covers microbiology or the study of microscopic organisms including bacteriology, parasitology and virology.

This discipline has nine subjects:

270301 Bacteriology
270302 Archaebacteriology
270303 Virology
270304 Infectious Agents
270305 Mycology
270306 Microbial Genetics
270307 Microbial Ecology
270308 Microbial Systematics, Taxonomy and Phylogeny
270399 Microbiology not elsewhere classified

Exclusions:
(a) Veterinary microbiology is included in Discipline 300500 Veterinary Sciences; and
(b) medical microbiology is included in Discipline 320400 Medical Microbiology.

DISCIPLINE 270400 BOTANY

This discipline covers botany and related plant sciences.

It includes:

■ mycology which for the purpose of this classification includes the study of lichen;
■ plant pathology other than associated with plant protection procedures in the field; and
■ phycology (incl. algae and marine grasses).

This discipline has five subjects:

270401 Plant Systematics, Taxonomy and Phylogeny
270402 Plant Physiology
270403 Plant Pathology
270404 Phycology
270499 Botany not elsewhere classified

Exclusions:
(a) Palaeobotany and palynology (other than palynology associated with ecological studies) are included in Discipline 260100 Geology;
(b) plant ecology and palynology associated with ecological studies are included in Discipline 270700 Ecology and Evolution; and
(c) plant science or plant pathology associated with agriculture, forestry or primary production is included in the appropriate disciplines in Division 300000 Agricultural Sciences.

DISCIPLINE 270500 ZOOLOGY

This discipline covers zoology.

It includes:

■ the study of terrestrial vertebrates (other than human), non-insect terrestrial invertebrates, ornithology, herpetology and freshwater ichthyology;
■ ethology; and
■ entomology.

This discipline has five subjects:

270501 Animal Systematics, Taxonomy and Phylogeny
270502 Neurobiology
270503 Animal Anatomy and Histology
270504 Invertebrate Biology
270599 Zoology not elsewhere classified

Exclusions:
(a) Palaeontology is included in Discipline 260100 Geology;
(b) animal physiology is included in Discipline 270600 Physiology;
(c) the use of live animals for purposes of primary production is included in Discipline 300400 Animal Production;
(d) fisheries and aquaculture for primary production are included in Discipline 300700 Fisheries Sciences;
(e) the human immune system is included in Discipline 320200 Immunology;
(f) the human nervous system is included in Discipline 320700 Neurosciences; and
(g) the use of live animals or material from live animals for medical research is included in Discipline 329900 Other Medical and Health Sciences.

DISCIPLINE 270600 PHYSIOLOGY

This discipline covers physiology other than medical or plant.

This discipline has five subjects:

270601 Animal Physiology—Biophysics
270602 Animal Physiology—Cell
270603 Animal Physiology—Systems
270604 Comparative Physiology
270699 Physiology not elsewhere classified

Exclusions:
(a) Plant physiology is included in Discipline 270400 Botany;
(b) physiology related to specific aspects of animal production or veterinary practice is included in the appropriate disciplines in Division 300000 Agricultural, Veterinary and Environmental Sciences; and
(c) medical physiology is included in Discipline 320600 Medical Physiology.

DIVISION 270000 BIOLOGICAL SCIENCES *continued*

DISCIPLINE 270700 ECOLOGY AND EVOLUTION

This discipline covers ecology or ecological systems, whether freshwater, marine or terrestrial, and evolutionary biology.

It includes:

- plant or animal ecology;
- limnology and ecological studies (incl. palynology) of freshwater bodies such as lakes and ponds;
- palaeoecology (incl. palynology associated with palaeoecological studies); and
- life histories (incl. population ecology).

This discipline has ten subjects:

270701 Freshwater Ecology
270702 Marine and Estuarine Ecology (incl. Marine Ichthyology)
270703 Terrestrial Ecology
270704 Landscape Ecology
270705 Palaeoecology
270706 Life Histories (incl. Population Ecology)
270707 Sociobiology and Behavioural Ecology
270708 Conservation and Biodiversity
270709 Biogeography
270799 Ecology and Evolution not elsewhere classified

Exclusions:
(a) Palaeontology is included in Discipline 260100 Geology; and
(b) palynology in association with geological studies is also included in Discipline 260100 Geology.

DISCIPLINE 270800 BIOTECHNOLOGY

This discipline covers biotechnology (incl. genetic engineering).

This discipline has six subjects:

270801 Gene Therapy
270802 Diagnostic Applications
270803 Transgenesis
270804 Genetic Technologies: Transformation, Site-directed Mutagenesis, etc.
270805 Genetic Engineering and Enzyme Technology
270899 Biotechnology not elsewhere classified

Exclusions:
(a) Industrial biotechnology is included in Discipline 290100 Industrial Biotechnology and Food Sciences; and
(b) medical biotechnology is included in Discipline 329900 Other Medical and Health Sciences.

DISCIPLINE 279900 OTHER BIOLOGICAL SCIENCES

This discipline covers biological sciences not elsewhere classified.

This discipline has two subjects:

279901 Global Change Biology
279999 Biological Sciences not elsewhere classified

Exclusions:
Phycology (incl. marine grasses) is included in Discipline 270400 Botany.

DIVISION 280000 INFORMATION, COMPUTING AND COMMUNICATION SCIENCES

This division covers information, computing and communication sciences.

For the purposes of this classification, the following fields are included: mathematics associated with computer science and the application of psychology to an understanding of computer-human interface.

This division has six disciplines:

280100	Information Systems
280200	Artificial Intelligence and Signal and Image Processing
280300	Computer Software
280400	Computation Theory and Mathematics
280500	Data Format
289900	Other Information, Computing and Communication Sciences

Exclusions:
(a) The application of information and computer sciences other than specifically for information, computer sciences and technologies is included in other appropriate disciplines, e.g. computer modelling for atmospheric research is included in Discipline 260600 Atmospheric Sciences; software development for forest management is included in Discipline 300600 Forestry Sciences;
(b) robotics and mechatronics, CAD/CAM systems concerned with manufacturing and process technologies are included in Discipline 290300 Manufacturing Engineering;
(c) computer hardware is included in Discipline 291600 Computer Hardware; and
(d) communications technologies are included in Discipline 291700 Communications Technologies.

DISCIPLINE 280100 INFORMATION SYSTEMS

This discipline covers information science and information systems.

It includes:

- computer and information systems organisation, design and management;
- interfaces and presentation (incl. computer-human interaction) and the application of psychology to computer-human interface; and
- systems theory and conceptual modelling.

This discipline has thirteen subjects:

280101	Information Systems Organisation
280102	Information Systems Management
280103	Information Storage, Retrieval and Management
280104	Computer-Human Interaction
280105	Interfaces and Presentation (excl. Computer-Human Interaction)
280106	Interorganisational Information Systems
280107	Global Information Systems
280108	Database Management
280109	Decision Support and Group Support Systems
280110	Systems Theory
280111	Conceptual Modelling
280112	Information Systems Development Methodologies
280199	Information Systems not elsewhere classified

Exclusions:
The development of computer hardware is included in Discipline 291600 Computer Hardware.

DISCIPLINE 280200 ARTIFICIAL INTELLIGENCE AND SIGNAL AND IMAGE PROCESSING

This discipline covers artificial intelligence, expert systems and signal and image processing.

It includes:

- technologies supplementing or supporting information systems or presentation, such as computer graphics and speech and pattern recognition; and
- virtual and artificial realities and related simulation.

This discipline has thirteen subjects:

280201	Expert Systems
280202	Computer Graphics
280203	Image Processing
280204	Signal Processing
280205	Text Processing
280206	Speech Recognition
280207	Pattern Recognition
280208	Computer Vision
280209	Intelligent Robotics
280210	Simulation and Modelling
280211	Virtual Reality and Related Simulation
280212	Neural Networks, Genetic Algorithms and Fuzzy Logic
280213	Other Artificial Intelligence

Exclusions:
(a) Computational linguistics is included in Discipline 380200 Linguistics; and
(b) computer perception, memory and attention are included in Discipline 380300 Cognitive Science.

DIVISION 280000 INFORMATION, COMPUTING AND COMMUNICATION SCIENCES *continued*

DISCIPLINE 280300 COMPUTER SOFTWARE

This discipline covers technologies related to computer software, software programming, computer languages and software operating systems.

This discipline has six subjects:

280301 Programming Techniques
280302 Software Engineering
280303 Programming Languages
280304 Operating Systems
280305 Multimedia Programming
280399 Computer Software not elsewhere classified

Exclusions:
The development of computer software which has application to fields other than Division 280000 Information, Computing and Communication Sciences is included in other appropriate disciplines, e.g. software development relating to flexible manufacturing systems is included in Discipline 290300 Manufacturing Engineering.

DISCIPLINE 280400 COMPUTATION THEORY AND MATHEMATICS

This discipline covers computation theory and mathematics of computing.

This discipline has seven subjects:

280401 Analysis of Algorithms and Complexity
280402 Mathematical Logic and Formal Languages
280403 Logics and Meanings of Programs
280404 Numerical Analysis
280405 Discrete Mathematics
280406 Mathematical Software
280499 Computation Theory and Mathematics not elsewhere classified

Exclusions:
Mathematics not associated with computer science is included in Discipline 230100 Mathematics.

DISCIPLINE 280500 DATA FORMAT

This discipline covers data format technologies in the information, computing and communication sciences.

This discipline has seven subjects:

280501 Data Structures
280502 Data Storage Representations
280503 Files
280504 Data Encryption
280505 Data Security
280506 Coding and Information Theory
280599 Data Format not elsewhere classifie

DISCIPLINE 289900 OTHER INFORMATION, COMPUTING AND COMMUNICATION SCIENCES

This discipline covers all residual information, computing and communication sciences.

It has the one subject:

289999 Other Information, Computing and Communication Sciences

DIVISION 290000 ENGINEERING AND TECHNOLOGY

This division covers engineering and technology, including industrial biotechnology and food sciences, aerospace engineering, manufacturing engineering, mechanical and industrial engineering, metallurgy, materials engineering, computer hardware, communications technologies and any other engineering and technology not elsewhere classified.

This division has nineteen disciplines:

290100   Industrial Biotechnology and Food Sciences
290200   Aerospace Engineering
290300   Manufacturing Engineering
290400   Automotive Engineering
290500   Mechanical and Industrial Engineering
290600   Chemical Engineering
290700   Resources Engineering
290800   Civil Engineering
290900   Electrical and Electronic Engineering
291000   Geomatic Engineering
291100   Environmental Engineering
291200   Maritime Engineering
291300   Metallurgy
291400   Materials Engineering
291500   Biomedical Engineering
291600   Computer Hardware
291700   Communications Technologies
291800   Engineering Interdisciplinary Studies
299900   Other Engineering and Technology

DISCIPLINE 290100 INDUSTRIAL BIOTECHNOLOGY AND FOOD SCIENCES

This discipline covers industrial biotechnology and food sciences.

It includes fermentation, biotechnology and industrial microbiology, either for production of food or other products.

This discipline has five subjects:

290101   Fermentation, Biotechnology and Industrial Microbiology
290102   Food Engineering
290103   Food Processing
290104   Other Food Sciences
290105   Other Industrial Biotechnology

Exclusions:
(a)   The non-applied aspects of biotechnology are included in Discipline 270800 Biotechnology; and
(b)   packaging, storage and transportation associated with industrial biotechnology and food sciences is included in Discipline 290300 Manufacturing Engineering.

DISCIPLINE 290200 AEROSPACE ENGINEERING

This discipline covers aerospace technologies and engineering including avionics and aeronautical or astronomical engineering.

This discipline has eight subjects:

290201   Aerodynamics
290202   Flight Dynamics
290203   Aerospace Structures
290204   Aircraft Performance
290205   Flight Control Systems
290206   Aerospace Electrical Systems
290207   Satellite, Space Vehicle and Missile Design
290299   Aerospace Engineering not elsewhere classified

Exclusions:
Remote sensing and satellites with specific application to antenna technology are included in Discipline 291700 Communications Technologies.

DIVISION 290000 ENGINEERING AND TECHNOLOGY *continued*

DISCIPLINE 290300 MANUFACTURING ENGINEERING

This discipline covers manufacturing engineering.

It includes:

- robots, robotic systems and mechatronics;
- flexible manufacturing systems;
- computer-aided design and computer-aided manufacture otherwise known as CAD/CAM;
- control engineering;
- welding technology (incl. welding processes);
- textile manufacturing process and technologies;
- packaging, storage and transportation; and
- safety and quality in manufacturing.

This discipline has ten subjects:

290301 Robotics and Mechatronics
290302 Flexible Manufacturing Systems
290303 CAD/CAM Systems
290304 Control Engineering
290305 Welding Technology
290306 Textile Technology
290307 Printing Technology
290308 Packaging, Storage and Transportation
290309 Safety and Quality
290399 Manufacturing Engineering not elsewhere classified

Exclusions:
(a) Information systems are included in Discipline 280100 Information Systems;
(b) intelligent robotics is included in Discipline 280200 Artificial Intelligence and Signal and Image Processing;
(c) computer software is included in Discipline 280300 Computer Software;
(d) automotive engineering is included in Discipline 290400 Automotive Engineering;
(e) membrane and separation technologies are included in Discipline 290600 Chemical Engineering;
(f) computer hardware is included in Discipline 291600 Computer Hardware; and
(g) biosensors associated with membrane or separation technologies or any other use is included in Discipline 299900 Other Engineering and Technology.

DISCIPLINE 290400 AUTOMOTIVE ENGINEERING

This discipline covers automotive engineering.

This discipline has one subject:

290401 Automotive Engineering

DISCIPLINE 290500 MECHANICAL AND INDUSTRIAL ENGINEERING

This discipline covers general mechanical and industrial engineering.

This discipline has two subjects:

290501 Mechanical Engineering
290502 Industrial Engineering

Exclusions:
(a) Manufacturing engineering is included in Discipline 290300 Manufacturing Engineering; and
(b) automotive engineering is included in Discipline 290400 Automotive Engineering.

DISCIPLINE 290600 CHEMICAL ENGINEERING

This discipline covers chemical engineering and includes design, membrane and separation technologies, process control and simulation other than those associated with control engineering.

This discipline has four subjects:

290601 Chemical Engineering Design
290602 Process Control and Simulation
290603 Membrane and Separation Technologies
290699 Chemical Engineering not elsewhere classified

Exclusions:
(a) Manufacturing and process technologies (incl. process control associated with control engineering) is included in Discipline 290300 Manufacturing Engineering; and
(b) fluidization and fluid mechanics and heat and mass transfer operations are included in Discipline 291800 Engineering Interdisciplinary Studies.

DISCIPLINE 290700 RESOURCES ENGINEERING

This discipline covers mining engineering and mineral processing and includes petroleum and reservoir engineering and geomechanics.

This discipline has five subjects:

290701 Mining Engineering
290702 Mineral Processing
290703 Petroleum and Reservoir Engineering
290704 Geomechanics
290799 Resources Engineering not elsewhere classified

Exclusions:
Geology, geophysics, geochemistry, hydrology and other earth sciences are included in the appropriate disciplines in Division 260000 Earth Sciences.

DISCIPLINE 290800 CIVIL ENGINEERING

This discipline includes civil engineering (incl. structural engineering).

It includes:

- transport engineering (other than aerospace and maritime engineering);
- water and sanitary engineering; and
- construction engineering.

This discipline has six subjects:

290801 Structural Engineering
290802 Water and Sanitary Engineering
290803 Transport Engineering
290804 Construction Engineering
290805 Geotechnical Engineering
290899 Civil Engineering not elsewhere classified

Exclusions:
(a) Aerospace engineering is included in Discipline 290200 Aerospace Engineering;
(b) surveying is included in Discipline 291000 Geomatic Engineering;
(c) maritime engineering is included in Discipline 291200 Maritime Engineering;
(d) agricultural engineering is included in Discipline 299900 Other Engineering and Technology; and
(e) applied hydrology is included in Discipline 300100 Soil and Water Sciences.

DISCIPLINE 290900 ELECTRICAL AND ELECTRONIC ENGINEERING

This discipline covers general electrical and electronic engineering.

This discipline has three subjects:

290901 Electrical Engineering
290902 Integrated Circuits
290903 Other Electronic Engineering

Exclusions:
(a) Electrical or electronic engineering associated with computer hardware is included in Discipline 291600 Computer Hardware; and
(b) electrical or electronic engineering associated with communications technologies is included in Discipline 291700 Communications Technologies.

DISCIPLINE 291000 GEOMATIC ENGINEERING

This discipline covers geomatic engineering.

This discipline has seven subjects:

291001 Geodesy
291002 Surveying
291003 Photogrammetry and Remote Sensing
291004 Spatial Information Systems
291005 Navigation and Position Fixing
291006 Cartography
291099 Geomatic Engineering not elsewhere classified

DISCIPLINE 291100 ENVIRONMENTAL ENGINEERING

This discipline covers environmental engineering.

This discipline has five subjects:

291101 Environmental Engineering Modelling
291102 Bio-remediation
291103 Environmental Engineering Design
291104 Environmental Technologies
291199 Environmental Engineering not elsewhere classified

DISCIPLINE 291200 MARITIME ENGINEERING

This discipline covers maritime engineering.

This discipline has seven subjects:

291201 Naval Architecture
291202 Ship and Platform Hydrodynamics
291203 Ship and Platform Structures
291204 Marine Engineering
291205 Ocean Engineering
291206 Special Vehicles
291299 Maritime Engineering not elsewhere classified

DISCIPLINE 291300 METALLURGY

This discipline covers metallurgy.

This discipline has two subjects:

291301 Process Metallurgy
291302 Physical Metallurgy

DISCIPLINE 291400 MATERIALS ENGINEERING

This discipline covers the material sciences and technologies.

It includes:

- ceramics science and ceramics engineering;
- applied science and technology contributing to polymers and textile compounds; and
- other material sciences and technologies concerned with composite materials, alloy materials and other materials.

This discipline has eight subjects:

291401 Polymers
291402 Composite Materials
291403 Alloy Materials
291404 Ceramics
291405 Timber
291406 Pulp and Paper
291407 Plastics
291499 Materials Engineering not elsewhere classified

Exclusions:
(a) Polymer chemistry without specific application is included in Discipline 250100 Physical Chemistry (incl. Structural); and
(b) building materials is included in Discipline 310200 Building.

DIVISION 290000 ENGINEERING AND TECHNOLOGY *continued*

DISCIPLINE 291500 BIOMEDICAL ENGINEERING

This discipline covers biomedical engineering.

This discipline has five subjects:

291501 Clinical Engineering
291502 Rehabilitation Engineering
291503 Biomaterials
291504 Biomechanical Engineering
291599 Biomedical Engineering not elsewhere classified

DISCIPLINE 291600 COMPUTER HARDWARE

This discipline covers the development of computer hardware including the development associated with physical components for personal computer, mainframe, accessory computer equipment or other purposes.

It includes the development of circuit boards and hardware assemblies of computing devices; and also the development of multiplexers, printers, scanners or any accessory related to computers.

This discipline has six subjects:

291601 Arithmetic and Logic Structures
291602 Memory Structures
291603 Input, Output and Data Devices
291604 Logic Design
291605 Processor Architectures
291699 Computer Hardware not elsewhere classified

Exclusions:
(a) Integrated circuits are included in Discipline 290900 Electrical and Electronic Engineering; and
(b) modem technology is included in Discipline 291700 Communications Technologies.

DISCIPLINE 291700 COMMUNICATIONS TECHNOLOGIES

This discipline covers technologies supporting communications and communication systems.

It includes:

- communication networks and analysis;
- communication and broadcasting systems;
- digital systems, optical and photonic systems or any other communication system;
- antenna technology (incl. that used in remote sensing and satellite technology); and
- microwave and millimetrewave technology.

This discipline has eleven subjects:

291701 Antenna Technology
291702 Optical and Photonic Systems
291703 Digital Systems
291704 Computer Communications Networks
291705 Microwave and Millimetrewave Technology
291706 Broadband Network Technology
291707 Modem Technology
291708 Baseband Technology
291709 Satellite Communications
291710 Radio Communications and Broadcasting not elsewhere classified
291799 Communications Technologies not elsewhere classified

Exclusions:
Data transfer systems used primarily for computing purposes are included in Discipline 291600 Computer Hardware.

DISCIPLINE 291800 INTERDISCIPLINARY ENGINEERING

This discipline covers interdisciplinary engineering.

This discipline has five subjects:

291801 Fluidization and Fluid Mechanics
291802 Heat and Mass Transfer Operations
291803 Turbulent Flows
291804 Nanotechnology
291899 Interdisciplinary Engineering not elsewhere classified

DISCIPLINE 299900 OTHER ENGINEERING AND TECHNOLOGY

This discipline covers other engineering and technology not elsewhere classified.

This discipline has five subjects:

299901 Agricultural Engineering
299902 Combustion and Fuel Engineering
299903 Biosensor Technologies
299904 Engineering/Technology Instrumentation
299999 Engineering and Technology not elsewhere classified

DIVISION 300000 AGRICULTURAL, VETERINARY AND ENVIRONMENTAL SCIENCES

This division covers sciences and technologies supporting agriculture and the environment.

It includes soil and water science, crop and pasture production, agronomy, horticulture, animal production, forestry sciences, environmental sciences and other agricultural sciences. It also includes the veterinary sciences.

This division has ten disciplines:

300100	Soil and Water Sciences
300200	Crop and Pasture Production
300300	Horticulture
300400	Animal Production
300500	Veterinary Sciences
300600	Forestry Sciences
300700	Fisheries Sciences
300800	Environmental Sciences
300900	Land, Parks and Agriculture Management
309900	Other Agricultural, Veterinary and Environmental Sciences

Exclusions:
(a) Biological or life sciences not associated with agricultural and veterinary sciences or human health and medicine are included in Division 270000 Biological Sciences;
(b) agricultural engineering is included in Discipline 299900 Other Engineering and Technology;
(c) biological or life sciences associated with human health and medicine are included in Division 320000 Medical and Health Sciences; and
(d) agricultural economics is included in Discipline 340200 Applied Economics.

DISCIPLINE 300100 SOIL AND WATER SCIENCES

This discipline covers soil science and the applied aspects of water science (i.e. applied hydrology) for the purposes of primary production.

This discipline has six subjects:

300101 Soil Physics
300102 Soil Biology
300103 Soil Chemistry
300104 Land Capability and Soil Degradation
300105 Applied Hydrology (Drainage, Flooding, Irrigation, Quality, etc.)
300199 Soil and Water Sciences not elsewhere classified

Exclusions:
Basic water science or hydrology is included in Discipline 260500 Hydrology.

DISCIPLINE 300200 CROP AND PASTURE PRODUCTION

This discipline covers the sciences and technologies directed towards the production of crops, pastures and grains.

It includes agronomy; plant genetics and plant protection procedures in the field; the post harvest treatment, transportation and storage of crops and grains; and weed science.

This discipline has seven subjects:

300201 Plant Biochemistry and Physiology
300202 Plant Nutrition
300203 Plant Improvement (Selection, Breeding and Genetic Engineering)
300204 Plant Protection (Pests, Diseases and Weeds)
300205 Agronomy
300206 Post Harvest Technologies (Transportation and Storage)
300299 Crop and Pasture Production not elsewhere classified

Exclusions:
(a) Plant pathology associated with basic botanical studies is included in Discipline 270400 Botany; and
(b) post harvest treatment of horticultural crops and produce is included in Discipline 300300 Horticulture.

DIVISION 300000 AGRICULTURAL, VETERINARY AND ENVIRONMENTAL SCIENCES *continued*

DISCIPLINE 300300 HORTICULTURE

This discipline covers horticulture and horticultural science.

It includes:

- the propagation and culture of garden or horticultural crops (incl. production methods such as tissue culture, glasshouse techniques, hydroponics);
- fruit crops (other than table grapes);
- viticulture (incl. growing table and wine grapes) and wine technologies which is included in Subject 300305 Oenology and Viticulture;
- flower production, ornamental crops and nursery stock;
- propagating and growing vegetable crops (incl. mushrooms and fungi consumed as food);
- post-harvest treatment of horticultural crops; and
- lawns for aesthetic or sporting purposes.

This discipline has six subjects:

300301 Plant Improvement (Selection, Breeding and Genetic Engineering)
300302 Plant Growth and Development
300303 Plant Protection (Pests, Diseases and Weeds)
300304 Post Harvest Technologies
300305 Oenology and Viticulture
300399 Horticulture not elsewhere classified

DISCIPLINE 300400 ANIMAL PRODUCTION

This discipline covers the sciences and technologies supporting the primary production of livestock and the primary production of birds and poultry (incl. egg production). It includes bees and apiary culture.

This discipline has seven subjects:

300401 Animal Breeding
300402 Animal Reproduction
300403 Animal Nutrition
300404 Animal Husbandry
300405 Animal Protection (Pests and Pathogens)
300406 Animal Growth and Development
300499 Animal Production not elsewhere classified

Exclusions:
(a) Veterinary science is included in Discipline 300500 Veterinary Sciences; and
(b) the culture and production of marine and freshwater animals (incl. fish, crustaceans and shellfish) is included in Discipline 300700 Fisheries Sciences.

DISCIPLINE 300500 VETERINARY SCIENCES

This discipline covers veterinary science practised on livestock for primary production, domestic or other uses (e.g. sport).

This discipline has thirteen subjects:

300501 Veterinary Medicine
300502 Anaesthesiology and Intensive Care
300503 Epidemiology
300504 Immunology
300505 Anatomy and Physiology
300506 Pathology
300507 Microbiology (excl. Virology)
300508 Parasitology
300509 Radiology and Imaging
300510 Virology
300511 Surgery
300512 Pharmacology
300599 Veterinary Sciences not elsewhere classified

Exclusions:
Field procedures to protect animals against pest and pathogens is included in Discipline 300400 Animal Production.

DISCIPLINE 300600 FORESTRY SCIENCES

This discipline covers forestry sciences and silviculture. It includes forest fire prevention and control.

This discipline has seven subjects:

300601 Nutrition and Physiology
300602 Tree Improvement (Selection, Breeding and Genetic Engineering)
300603 Pests, Health and Diseases
300604 Management and Environment
300605 Fire Management
300606 Agroforestry
300699 Forestry Sciences not elsewhere classified

DISCIPLINE 300700 FISHERIES SCIENCES

This discipline covers the sciences and technologies supporting fishing or production of freshwater or marine fisheries (incl. shellfish and crustaceans).

This discipline has six subjects:

300701 Physiology and Genetics
300702 Pests and Diseases
300703 Aquaculture
300704 Ecosystem Studies and Stock Assessment
300705 Evaluation of Management Strategies
300799 Fisheries Sciences not elsewhere classified

DIVISION 300000 AGRICULTURAL, VETERINARY AND ENVIRONMENTAL SCIENCES *continued*

DISCIPLINE 300800 ENVIRONMENTAL SCIENCES

This discipline covers environmental sciences.

This discipline has six subjects:

300801 Environmental Management and Rehabilitation
300802 Wildlife and Habitat Management
300803 Natural Resource Management
300804 Environmental Impact Assessment
300805 Conservation
300899 Environmental Sciences not elsewhere classified

DISCIPLINE 300900 LAND, PARKS AND AGRICULTURE MANAGEMENT

This discipline covers the management of land, parks and areas under agriculture.

This discipline has four subjects:

300901 Farm Management, Rural Management and Agribusiness
300902 Land and Parks Management
300903 Sustainable Development
300999 Land, Parks and Agriculture Management not elsewhere classified

DISCIPLINE 309900 OTHER AGRICULTURAL, VETERINARY AND ENVIRONMENTAL SCIENCES

This discipline covers the agricultural, veterinary and environmental sciences not elsewhere classified.

It includes fertilisers and agrochemicals (incl. their application) and agricultural education and extension services.

This discipline has three subjects:

309901 Fertilisers and Agrochemicals (Application etc.)
309902 Education and Extension
309999 Agricultural, Veterinary and Environmental Sciences not elsewhere classified

DIVISION 310000 ARCHITECTURE, URBAN ENVIRONMENT AND BUILDING

This division covers architecture, urban environment and building.

This division has three disciplines:

310100   Architecture and Urban Environment
310200   Building
319900   Other Architecture, Urban Environment and Building

DISCIPLINE 310100 ARCHITECTURE AND URBAN ENVIRONMENT

This discipline covers architecture and urban environment.

This discipline has seven subjects:

310101 Architecture
310102 Heritage and Conservation
310103 Urban and Regional Planning
310104 Landscape Planning
310105 History of the Built Environment
310106 Interior and Environmental Design
310199 Architecture and Urban Environment not elsewhere classified

DISCIPLINE 310200 BUILDING

This discipline covers building, including building science and building materials.

This discipline has four subjects:

310201 Building Science and Techniques
310202 Building Construction Management
310203 Building Construction Economics (incl. Quantity Surveying)
310299 Building not elsewhere classified

DISCIPLINE 319900 OTHER ARCHITECTURE, URBAN ENVIRONMENT AND BUILDING

This discipline covers architecture, urban environment and building not elsewhere classified.

It has the one subject:

319999 Other Architecture, Urban Environment and Building

DIVISION 320000 MEDICAL AND HEALTH SCIENCES

This division covers the medical and health sciences.

This division has fifteen disciplines:

320100   Medicine—General
320200   Immunology
320300   Medical Biochemistry and Clinical Chemistry
320400   Medical Microbiology
320500   Pharmacology and Pharmaceutical Sciences
320600   Medical Physiology
320700   Neurosciences
320800   Dentistry
320900   Optometry
321000   Clinical Sciences
321100   Nursing
321200   Public Health and Health Services
321300   Complementary/Alternative Medicine
321400   Human Movement and Sports Science
329900   Other Medical and Health Sciences

Exclusions:
(a)   Biological sciences without application to human health and disease are included in the appropriate disciplines in Division 270000 Biological Sciences;
(b)   biomedical engineering is included in Discipline 291500 Biomedical Engineering;
(c)   biological and life sciences associated with agricultural and veterinary studies are included in the appropriate disciplines in Division 300000 Agricultural, Veterinary and Environmental Sciences; and
(d)   ergonomics is included in Discipline 410400 Design Studies.

DISCIPLINE 320100 MEDICINE—GENERAL

This discipline is for use in classifying general courses in medicine which cannot be allocated to a more specific discipline within Division 320000 Medical and Health Sciences.

DISCIPLINE 320200 IMMUNOLOGY

This discipline covers the processes and reactions of the human immune system.

This discipline has eight subjects:

320201   Allergy
320202   Cellular Immunology
320203   Humoral Immunology and Immunochemistry
320204   Immunogenetics
320205   Transplantation Immunology
320206   Tumor Immunology
320207   Autoimmunity
320299   Immunology not elsewhere classified

Exclusions:
Specific human disorders or diseases are included in Discipline 321000 Clinical Sciences.

DISCIPLINE 320300 MEDICAL BIOCHEMISTRY AND CLINICAL CHEMISTRY

This discipline covers human biochemistry or the chemistry of human living organisms and the human life process.

This discipline has seven subjects:

320301   Clinical Chemistry
320302   Medical Biochemistry: Carbohydrates
320303   Medical Biochemistry: Lipids
320304   Medical Biochemistry: Nucleic Acids
320305   Medical Biochemistry: Proteins and Peptides
320306   Medical Biochemistry: Phospholipids
320307   Medical Biochemistry: Other

Exclusions:
(a)   Biochemistry of species other than human or plant and biochemistry not related to medicine or health are included in Discipline 270100 Biochemistry and Cell Biology; and
(b)   plant biochemistry is included in Discipline 300200 Crop and Pasture Production.

DIVISION 320000 MEDICAL AND HEALTH SCIENCES *continued*

DISCIPLINE 320400 MEDICAL MICROBIOLOGY

This discipline covers microbiology associated with human health and disease.

This discipline has six subjects:

320401 Medical Bacteriology
320402 Medical Virology
320403 Medical Infection Agents (incl. Prions)
320404 Medical Mycology
320405 Medical Parasitology
320499 Medical Microbiology not elsewhere classified

Exclusions: Microbiology
(a) for reasons not related to medicine is included in Discipline 270300 Microbiology; and
(b) in association with veterinary practice is included in Discipline 300500 Veterinary Sciences.

DISCIPLINE 320500 PHARMACOLOGY AND PHARMACEUTICAL SCIENCES

This discipline covers the preparation, properties, uses and actions of drugs for medical use.

This discipline has five subjects:

320501 Pharmaceutical Sciences and Pharmacy
320502 Basic Pharmacology
320503 Clinical Pharmacology and Therapeutics
320504 Toxicology (incl. Clinical Toxicology)
320599 Pharmacology not elsewhere classified

Exclusions:
Pharmacology for veterinary use is included in Discipline 300500 Veterinary Sciences.

DISCIPLINE 320600 MEDICAL PHYSIOLOGY

This discipline covers the processes and function of the human body or the physical and chemical processes involved in the functioning of the human body and its component parts.

This discipline has four subjects:

320601 Human Biophysics
320602 Cell Physiology
320603 Systems Physiology
320699 Medical Physiology not elsewhere classified

Exclusions:
(a) Medical physics is included in Discipline 249900 Other Physical Sciences;
(b) basic animal physiology and comparative physiology are included in Discipline 270600 Physiology;
(c) physiology related to specific aspects of plant or animal production or veterinary practice is included in the appropriate disciplines in Division 300000 Agricultural, Veterinary and Environmental Sciences; and
(d) exercise physiology is included in Discipline 321400 Human Movement and Sports Science.

DISCIPLINE 320700 NEUROSCIENCES

This discipline covers the processes and reactions of the human nervous system.

This discipline has six subjects:

320701 Autonomic Nervous System
320702 Central Nervous System
320703 Peripheral Nervous System
320704 Cellular Nervous System
320705 Sensory Systems
320799 Neurosciences not elsewhere classified

Exclusions:
(a) Neurology and neuromuscular disease, psychiatry (incl. psychotherapy) and other specific neurological disorders are included in the appropriate subjects in Discipline 321000 Clinical Sciences; and
(b) neurocognitive patterns and neural networks are included in Discipline 380300 Cognitive Sciences.

DISCIPLINE 320800 DENTISTRY

This discipline covers dentistry.

This discipline has five subjects:

320801 Oral Surgery
320802 Dentistry Support
320803 Dental Technology
320804 Dental Therapy
320899 Dentistry not elsewhere classified

DISCIPLINE 320900 OPTOMETRY

This discipline covers optometry.

This discipline has two subjects:

320901 Optical Technology
320999 Optometry not elsewhere classified

DIVISION 320000 MEDICAL AND HEALTH SCIENCES *continued*

DISCIPLINE 321000 CLINICAL SCIENCES

This discipline covers specific clinical aspects of medicine, including causes, diagnosis, treatment and management of specific diseases and conditions.

This discipline has thirty one subjects:

321001 Anaesthesiology
321002 Dermatology
321003 Cardiology (incl. Cardiovascular Diseases)
321004 Endocrinology
321005 Fetal Development and Medicine
321006 Gastroenterology and Hepatology
321007 Geriatrics and Gerontology
321008 Haematology
321009 Intensive Care
321010 Infectious Diseases
321011 Medical Genetics
321012 Nephrology and Urology
321013 Neurology and Neuromuscular Diseases
321014 Obstetrics and Gynaecology
321015 Oncology and Carcinogenesis
321016 Opthalmology and Vision Science
321017 Orthopaedics
321018 Otorhinolaryngology
321019 Paediatrics
321020 Pathology
321021 Psychiatry
321022 Radiology and Organ Imaging
321023 Radiotherapy and Nuclear Medicine
321024 Rehabilitation and Therapy: Occupational and Physical
321025 Rehabilitation and Therapy: Hearing and Speech
321026 Reproduction
321027 Respiratory Diseases
321028 Rheumatology and Arthritis
321029 Surgery
321030 Venereology
321099 Clinical Sciences not elsewhere classified

Exclusions:
(a) Immunology, medical biochemistry, medical microbiology, pharmacology, physiology, neurosciences, dentistry and optometry are included in other disciplines in Division 320000 Medical and Health Sciences;
(b) sport and exercise psychology is included in Discipline 321400 Human Movement and Sports Science; and
(c) psychology (other than sport and exercise psychology) is included in Discipline 380100 Psychology.

DISCIPLINE 321100 NURSING

This discipline covers nursing.

This discipline has seven subjects:

321101 Midwifery
321102 Clinical Nursing: Primary (Preventative)
321103 Clinical Nursing: Secondary (Acute Care)
321104 Clinical Nursing: Tertiary (Rehabilitative)
321105 Mental Health Nursing
321106 Aged Care Nursing
321199 Nursing not elsewhere classified

DISCIPLINE 321200 PUBLIC HEALTH AND HEALTH SERVICES

This discipline covers the non-clinical aspects (e.g. statistical, administration, programme evaluation, impact of life style) of health and health care and the provision, administration and evaluation of health care services.

This discipline has eighteen subjects:

321201 Environmental and Occupational Health and Safety
321202 Epidemiology
321203 Health Information Systems (incl. Surveillance)
321204 Mental Health
321205 Nutrition and Dietetics
321206 Preventive Medicine
321207 Indigenous Health
321208 Primary Health Care
321209 Family Care
321210 Community Child Health
321211 Residential Client Care
321212 Care for Disabled
321213 Human Bioethics
321214 Health and Community Services
321215 Health Care Administration
321216 Health Promotion
321217 Health Counselling
321299 Public Health and Health Services not elsewhere classified

Exclusions:
(a) Nursing is included in Discipline 321100 Nursing; and
(b) health economics is included in Discipline 340200 Applied Economics.

DISCIPLINE 321300 COMPLEMENTARY/ALTERNATIVE MEDICINE

This discipline covers complementary/alternative medicine.

This discipline has four subjects:

321301 Oriental Medicine and Treatments
321302 Chiropractic
321303 Naturopathy
321399 Complementary/Alternative Medicine not elsewhere classified

DIVISION 320000 MEDICAL AND HEALTH SCIENCES *continued*

DISCIPLINE 321400 HUMAN MOVEMENT AND SPORTS SCIENCE

This discipline covers human movement and sports science.

This discipline has six subjects:

321401   Exercise Physiology
321402   Biomechanics
321403   Motor Control
321404   Sport and Exercise Psychology
321405   Sports Medicine
321499   Human Movement and Sports Science not
       elsewhere classified

DISCIPLINE 329900 OTHER MEDICAL AND HEALTH SCIENCES

This discipline covers other medical and health sciences not elsewhere classified.

This discipline has four subjects:

329901   Podiatry
329902   Medical Biotechnology
329903   Therapies and Therapeutic Technology
329999   Medical and Health Sciences not elsewhere
       classified

DIVISION 330000 EDUCATION

This division covers education, including the professional development of teachers.

This division has four disciplines:

330100 Education Studies
330200 Curriculum Studies
330300 Professional Development of Teachers
339900 Other Education

DISCIPLINE 330100 EDUCATION STUDIES

This discipline covers education studies.

This discipline has ten subjects:

330101 Educational Psychology
330102 History and Philosophy of Education
330103 Sociology of Education
330104 Educational Policy, Administration and Management
330105 Educational Counselling
330106 Comparative Education
330107 Educational Technology and Media
330108 Special Education
330109 Assessment and Evaluation
330199 Education Studies not elsewhere classified

DISCIPLINE 330200 CURRICULUM STUDIES

This discipline covers curriculum studies.

This discipline has seven subjects:

330201 Curriculum Studies: English Education
330202 Curriculum Studies: Mathematics Education
330203 Curriculum Studies: Science Education
330204 Curriculum Studies: Economics, Commerce, Management and Services Education
330205 Curriculum Studies: Other Social Sciences, Humanities and Arts Education
330206 Curriculum Theory and Development
330299 Curriculum Studies not elsewhere classified

DISCIPLINE 330300 PROFESSIONAL DEVELOPMENT OF TEACHERS

This discipline covers the professional development of teachers.

This discipline has eight subjects:

330301 Teacher Education: Early Childhood
330302 Teacher Education: Primary
330303 Teacher Education: Secondary
330304 Teacher Education: Vocational Education and Training
330305 Teacher Education: Higher Education
330306 Teacher Education: Special Education
330307 Teacher Education: Nursing and Health
330399 Professional Development of Teachers not elsewhere classified

DISCIPLINE 339900 OTHER EDUCATION

This discipline covers other education not elsewhere classified.

It has the one subject:

339999 Other Education

Exclusions:
Legal education is included in Discipline 390200 Professional Development of Law Practitioners.

DIVISION 340000 ECONOMICS

This division covers economics.

This division has five disciplines:

340100	Economic Theory
340200	Applied Economics
340300	Economic History and History of Economic Thought
340400	Econometrics
349900	Other Economics

DISCIPLINE 340100 ECONOMIC THEORY

This discipline covers economic theory.

This discipline has four subjects:

340101 Microeconomic Theory
340102 Macroeconomic Theory
340103 Mathematical Economics
340199 Economic Theory not elsewhere classified

DISCIPLINE 340200 APPLIED ECONOMICS

This discipline covers applied economics.

This discipline has fifteen subjects:

340201 Agricultural Economics
340202 Environment and Resource Economics
340203 Finance Economics
340204 Health Economics
340205 Industry Economics and Industrial Organisation
340206 International Economics and International Finance
340207 Labour Economics
340208 Macroeconomics (incl. Monetary and Fiscal Theory)
340209 Public Sector Economics
340210 Welfare Economics
340211 Transport Economics
340212 Economic Geography
340213 Economic Development and Growth
340214 Urban and Regional Economics
340299 Applied Economics not elsewhere classified

Exclusions:
Tourism economics is included in Discipline 350500 Tourism.

DISCIPLINE 340300 ECONOMIC HISTORY AND HISTORY OF ECONOMIC THOUGHT

This discipline covers economic history and the history of economic thought.

This discipline has two subjects:

340301 Economic History
340302 History of Economic Thought

DISCIPLINE 340400 ECONOMETRICS

This discipline covers econometrics. It includes time-series analysis, cross-sectional analysis and panel data analysis.

This discipline has six subjects:

340401 Economic Models and Forecasting
340402 Econometric and Statistical Methods
340403 Time-Series Analysis
340404 Cross-Sectional Analysis
340405 Panel Data Analysis
340499 Econometrics not elsewhere classified

Exclusions:
Financial econometrics is included in Discipline 350300 Banking, Finance and Investment.

DISCIPLINE 349900 OTHER ECONOMICS

This discipline covers any economics not elsewhere specified.

This discipline has three subjects:

349901 Political Economy
349902 Comparative Economic Systems
349999 Economics not elsewhere classified

DIVISION 350000 COMMERCE, MANAGEMENT, TOURISM AND SERVICES

This division covers commerce, management, tourism and services.

This division has seven disciplines:

350100	Accounting, Auditing and Accountability
350200	Business and Management
350300	Banking, Finance and Investment
350400	Transportation
350500	Tourism
350600	Services
359900	Other Commerce, Management, Tourism and Services

DISCIPLINE 350100 ACCOUNTING, AUDITING AND ACCOUNTABILITY

This discipline covers accounting, auditing and accountability.

This discipline has seven subjects:

350101 Financial Accounting
350102 Management Accounting
350103 Auditing and Accountability
350104 Taxation
350105 Bookkeeping
350106 International Accounting
350107 Other Accounting

Exclusions:
Business management is included in Discipline 350200 Business and Management.

DISCIPLINE 350200 BUSINESS AND MANAGEMENT

This discipline covers business management, industrial relations, marketing, public relations and electronic commerce.

This discipline has fourteen subjects:

350201 Human Resources Management
350202 Business Information Systems (incl. Data Processing)
350203 Industrial Relations
350204 Marketing and Market Research
350205 Sales and Distribution
350206 Advertising and Public Relations
350207 Office Services
350208 Organisational Planning and Management
350209 Small Business Management
350210 Quality Management
350211 Innovation and Technology Management
350212 International Business
350213 Electronic Commerce
350299 Business and Management not elsewhere classified

Exclusions:
Tourism management is included in Discipline 350500 Tourism.

DISCIPLINE 350300 BANKING, FINANCE AND INVESTMENT

This discipline covers banking, finance and investment.

This discipline has five subjects:

350301 Finance
350302 Financial Econometrics
350303 Financial Institutions (incl. Banking)
350304 Insurance Studies
350399 Banking, Finance and Investment not elsewhere classified

Exclusions:
Actuarial mathematics is included in Discipline 239900 Other Mathematical Sciences.

DISCIPLINE 350400 TRANSPORTATION

This discipline covers transportation.

This discipline has six subjects:

350401 Aeronautical Transportation
350402 Aircrew Training
350403 Nautical Transportation
350404 Marine Crew Training
350405 Road and Rail Transportation
350499 Transportation not elsewhere classified

DISCIPLINE 350500 TOURISM

This discipline covers tourism.

This discipline has nine subjects:

350501 Tourism Policy and Planning
350502 Tourism Resource Appraisal
350503 Impacts of Tourism
350504 Tourist Behaviour
350505 Tourism Economics
350506 Tourism Forecasting
350507 Tourism Management
350508 Tourism Marketing
350599 Tourism not elsewhere classified

DIVISION 350000 COMMERCE, MANAGEMENT, TOURISM AND SERVICES *continued*

DISCIPLINE 350600 SERVICES

This discipline covers services.

This discipline has seven subjects:

350601 Hospitality Management
350602 Food and Hospitality Services
350603 Real Estate and Valuation
350604 Professional Services (Legal, Management
      Consulting, etc.)
350605 Other Retail Services
350606 Wholesale Services
350699 Services not elsewhere classified

**DISCIPLINE 359900 OTHER COMMERCE,
MANAGEMENT, TOURISM AND SERVICES**

This discipline covers commerce, management, tourism
and services not elsewhere specified.

It has the one subject:

359999 Other Commerce, Management, Tourism and
      Services

DIVISION 360000 POLICY AND POLITICAL SCIENCE

This division covers political science, public policy and administration, international relations and other policy studies.

This division has three disciplines:

360100   Political Science
360200   Policy and Aministration
369900   Other Policy and Political Science

Exclusions:
(a)   Administration and evaluation of health care and community services is included in Discipline 321200 Public Health and Health Services; and
(b)   the history and philosophy of science and medicine is included in Discipline 370600 History and Philosophy of Science and Medicine.

DISCIPLINE 360100 POLITICAL SCIENCE

This discipline covers political science.

This discipline has six subjects:

360101 Australian Government and Politics
360102 Comparative Government and Politics
360103 Federalism and Intergovernmental Relations
360104 Political Theory and Political Philosophy
360105 International Relations
360199 Political Science not elsewhere classified

DISCIPLINE 360200 POLICY AND ADMINISTRATION

This discipline covers policy and administration.

This discipline has five subjects:

360201 Public Policy
360202 Public Administration
360203 Research, Science and Technology Policy
360204 Defence Studies
360299 Policy and Administration not elsewhere classified

DISCIPLINE 369900 OTHER POLICY AND POLITICAL SCIENCE

This discipline covers policy and political science not elsewhere classified.

It has the one subject:

369999 Other Policy and Political Science

DIVISION 370000 STUDIES IN HUMAN SOCIETY

This division covers studies in human society, including sociology, social work, anthropology, human geography, demography and history and philosophy of science and medicine.

This division has seven disciplines:

370100	Sociology
370200	Social Work
370300	Anthropology
370400	Human Geography
370500	Demography
370600	History and Philosophy of Science and Medicine
379900	Other Studies in Human Society

DISCIPLINE 370100 SOCIOLOGY

This discipline covers sociology. It includes social theory, policy and planning, race and ethnic relations, community studies and social change.

This discipline has eight subjects:

370101	Social Theory
370102	Social Policy and Planning
370103	Race and Ethnic Relations
370104	Urban Sociology and Community Studies
370105	Applied Sociology, Program Evaluation and Social Impact Assessment
370106	Sociological Methodology and Research Methods
370107	Social Change
370199	Sociology not elsewhere classified

Exclusions:
(a) Sociology of education is included in Discipline 330100 Education Studies; and
(b) criminology is included in Discipline 390400 Law Enforcement.

DISCIPLINE 370200 SOCIAL WORK

This discipline covers social work.

This discipline has five subjects:

370201	Clinical Social Work Practice
370202	Social Program Evaluation
370203	Social Policy
370204	Counselling, Welfare and Community Services
370299	Social Work not elsewhere classified

Exclusions:
Urban and regional studies is included in Discipline 370400 Human Geography.

DISCIPLINE 370300 ANTHROPOLOGY

This discipline covers anthropology.

This discipline has four subjects:

370301	Biological (Physical) Anthropology
370302	Social and Cultural Anthropology
370303	Linguistic Anthropology
370399	Anthropology not elsewhere classified

DISCIPLINE 370400 HUMAN GEOGRAPHY

This discipline covers human geography.

This discipline has four subjects:

370401	Urban and Regional Studies
370402	Social and Cultural Geography
370403	Recreation and Leisure Studies
370499	Human Geography not elsewhere classified

Exclusions:
(a) Physical geography is included in Discipline 269900 Other Earth Sciences;
(b) economic geography is included in Discipline 340200 Applied Economics; and
(c) demography is included in Discipline 370500 Demography.

DISCIPLINE 370500 DEMOGRAPHY

This discipline covers population and demographic studies.

This discipline has five subjects:

370501	Population Trends and Policies
370502	Migration
370503	Fertility
370504	Family and Household Studies
370599	Demography not elsewhere classified

Exclusions:
Actuarial studies are included in Discipline 350300 Banking, Finance and Investment.

DISCIPLINE 370600 HISTORY AND PHILOSOPHY OF SCIENCE AND MEDICINE

This discipline covers the history and philosophy of science and medicine.

This discipline has four subjects:

370601   History and Philosophy of Science and
          Technology
370602   Sociology and Social Studies of Science and
          Technology
370603   History and Philosophy of Medicine
370699   History and Philosophy of Science and
          Medicine not elsewhere classified

Exclusions:
(a)   Human bioethics is included in Discipline 321200
      Public Health and Health Services; and
(b)   science and technology policy is included in
      Discipline 360200 Political Studies and
      Administration.

DISCIPLINE 379900 OTHER STUDIES IN HUMAN SOCIETY

This discipline covers studies in human society not elsewhere classified.

This discipline has three subjects:

379901   Gender Specific Studies
379902   Aboriginal Studies
379999   Studies in Human Society not elsewhere
          classified

DIVISION 380000 BEHAVIOURAL AND COGNITIVE SCIENCES

This division covers the behavioural and cognitive sciences.

This division has four disciplines:

380100	Psychology
380200	Linguistics
380300	Cognitive Science
389900	Other Behavioural and Cognitive Sciences

DISCIPLINE 380100 PSYCHOLOGY

This discipline covers psychology.

This discipline has ten subjects:

380101 Sensory Processes, Perception and Performance
380102 Learning, Memory, Cognition and Language
380103 Biological Psychology (Neuropsychology, Psychopharmacology, Physiological Psychology)
380104 Personality, Abilities and Assessment
380105 Social and Community Psychology
380106 Developmental Psychology and Ageing
380107 Health, Clinical and Counselling Psychology
380108 Industrial and Organisational Psychology
380109 Psychological Methodology, Design and Analysis
380199 Psychology not elsewhere classified

Exclusions:
(a) The application of psychology to an understanding of computer-human interface is included in Discipline 280100 Information Systems;
(b) neuroscience is included in Discipline 320700 Neurosciences;
(c) mental health is included in Discipline 321200 Public Health and Health Services;
(d) sport and exercise psychology is included in Discipline 321400 Human Movement and Sports Science;
(e) educational psychology is included in Discipline 330100 Education Studies;
(f) the application of psychology to cognitive science is included in Discipline 380300 Cognitive Science;
(g) criminology is included in Discipline 390400 Law Enforcement; and
(h) psychology of religion is included in Discipline 440200 Religion and Religious Traditions.

DISCIPLINE 380200 LINGUISTICS

This discipline covers linguistics.

This discipline has nine subjects:

380201 Applied Linguistics and Educational Linguistics
380202 Computational Linguistics
380203 Discourse and Pragmatics
380204 Laboratory Phonetics and Speech Science
380205 Language in Culture and Society (Sociolinguistics)
380206 Language in Time and Space (incl. Historical Linguistics, Dialectology)
380207 Linguistic Structures (incl. Grammar, Phonology, Lexicon, Semantics)
380208 Lexicography
380299 Linguistics not elsewhere classified

Exclusions:
(a) Linguistic anthropology is included in Discipline 370300 Anthropology; and
(b) linguistic processes is included in Discipline 380300 Cognitive Science.

DISCIPLINE 380300 COGNITIVE SCIENCE

This discipline covers cognitive science.

This discipline has seven subjects:

380301 Philosophy of Cognition
380302 Linguistic Processes (incl. Speech Production and Comprehension)
380303 Computer Perception, Memory and Attention
380304 Neurocognitive Patterns and Neural Networks
380305 Knowledge Representation and Machine Learning
380306 Planning and Problem Solving
380399 Cognitive Science not elsewhere classified

Exclusions:
Artificial intelligence is included in Discipline 280200 Artificial Intelligence and Signal and Image Processing.

DISCIPLINE 389900 OTHER BEHAVIOURAL AND COGNITIVE SCIENCES

This discipline covers behavioural and cognitive sciences not elsewhere classified.

It has the one subject:

389999 Other Behavioural and Cognitive Sciences

DIVISION 390000 LAW, JUSTICE AND LAW ENFORCEMENT

This division covers law, justice and law enforcement.

This division has five disciplines:

390100   Law
390200   Professional Development of Law Practitioners
390300   Justice and Legal Studies
390400   Law Enforcement
399900   Other Law, Justice and Law Enforcement

DISCIPLINE 390100 LAW

This discipline covers law.

This discipline has twenty one subjects:

390101   Administrative Law
390102   Comparative Law
390103   Constitutionalism and Constitutional Law
390104   Commercial and Contract Law
390105   Corporations and Associations law
390106   Criminal Law
390107   Environmental and Natural Resources Law
390108   Family Law
390109   Civil Law
390110   Indigenous Law
390111   International Law
390112   Law and Literature
390113   Legal History
390114   Intellectual Property
390115   Property Law and Conveyancing (excl.
             Intellectual Property)
390116   Labour Law
390117   Tort Law
390118   Taxation Law
390119   Equity Law
390120   Trust Law
390199   Law not elsewhere classified

DISCIPLINE 390200 PROFESSIONAL DEVELOPMENT OF LAW PRACTITIONERS

This discipline covers the professional development of law practitioners.

This discipline has five subjects:

390201   Legal Practice
390202   Adjudication
390203   Legal Education
390204   Professional Ethics
390299   Professional Development of Law Practitioners
             not elsewhere classified

DISCIPLINE 390300 JUSTICE AND LEGAL STUDIES

This discipline covers justice and legal studies.

This discipline has six subjects:

390301   Justice Systems and Administration
390302   Jurisprudence and Legal Theory
390303   Human Rights
390304   Counselling and Mediation Services
390305   Law and Society
390399   Justice and Legal Studies not elsewhere
             classified

DISCIPLINE 390400 LAW ENFORCEMENT

This discipline covers law enforcement.

This discipline has six subjects:

390401   Criminology
390402   Evidence and Procedure
390403   Police Administration, Procedures and Practice
390404   Detection and Prevention of Crime; Security
             Services
390405   Correctional Theory and Services; Penology
390499   Law Enforcement not elsewhere classified

DISCIPLINE 399900 OTHER LAW, JUSTICE AND LAW ENFORCEMENT

This discipline covers law, justice and law enforcement not elsewhere classified.

This discipline has two subjects:

399901   History and Philosophy of Law and Justice
399999   Law, Justice and Law Enforcement not
             elsewhere classified

DIVISION 400000 JOURNALISM, LIBRARIANSHIP AND CURATORIAL STUDIES

This division covers journalism, librarianship and curatorial studies.

This division has four disciplines:

400100	Journalism, Communication and Media
400200	Librarianship
400300	Curatorial Studies
409900	Other Journalism, Librarianship and Curatorial Studies

DISCIPLINE 400100 JOURNALISM, COMMUNICATION AND MEDIA

This discipline covers media and communication studies and journalism.

This discipline has five subjects:

400101 Journalism
400102 Technical Writing
400103 Professional Creative Writing
400104 Communication and Media Studies
400199 Journalism, Communication and Media not elsewhere classified

Exclusions:

Communication technologies is included in Discipline 291700 Communications Technologies.

DISCIPLINE 400200 LIBRARIANSHIP

This discipline covers librarianship.

It has the one subject:

400201 Librarianship

DISCIPLINE 400300 CURATORIAL STUDIES

This discipline covers museum studies, archival studies and other curatorial studies.

This discipline has four subjects:

400301 Museum Studies
400302 Archival Studies
400303 Materials Conservation
400399 Curatorial Studies not elsewhere classified

DISCIPLINE 409900 OTHER JOURNALISM, LIBRARIANSHIP AND CURATORIAL STUDIES

This discipline covers journalism, librarianship and curatorial studies not elsewhere classified.

It has the one subject:

409999 Other Journalism, Librarianship and Curatorial Studies

DIVISION 410000 THE ARTS

This division covers the study of the arts, including music, fine arts and drama.

It also includes study of the cinema, electronic arts and design studies.

This division has five disciplines:

410100	Performing Arts
410200	Visual Arts and Crafts
410300	Cinema, Electronic Arts and Multimedia
410400	Design Studies
419900	Other Arts

DISCIPLINE 410100 PERFORMING ARTS

This discipline covers the performing arts.

This discipline has five subjects:

410101 Music
410102 Drama, Theatre and Performance Studies
410103 Dance
410104 Indigenous Performing Arts
410199 Performing Arts not elsewhere classified

DISCIPLINE 410200 VISUAL ARTS AND CRAFTS

This discipline covers the visual arts and crafts.

This discipline has five subjects:

410201 Graphic Arts
410202 Fine Arts (incl. Sculpture and Painting)
410203 Photography
410204 Crafts
410299 Visual Arts and Crafts not elsewhere classified

DISCIPLINE 410300 CINEMA, ELECTRONIC ARTS AND MULTIMEDIA

This discipline covers study of the cinema, electronic arts and multimedia.

This discipline has four subjects:

410301 Film and Video
410302 Cinema Studies
410303 Multimedia
410304 Other Cinema and Electronic Arts

Exclusions:
(a) Photography is included in Discipline 410200 Visual Arts and Crafts; and
(b) screen and media culture is included in Discipline 420300 Cultural Studies.

DISCIPLINE 410400 DESIGN STUDIES

This discipline covers design studies, including related fields such as industrial arts and design and ergonomics.

This discipline has six subjects:

410401 Design Theory
410402 Design Innovation
410403 Design Studio Practice
410404 Design Management and Professional Practice
410405 Design History and Cultural Theory
410499 Design Studies not elsewhere classified

Exclusions:
(a) Architecture is included in Discipline 310100 Architecture and Urban Environment; and
(b) fine arts is included in Discipline 410200 Visual Arts and Crafts.

DISCIPLINE 419900 OTHER ARTS

This discipline covers the arts not elsewhere classified.

This discipline has two subjects:

419901 Art History and Appreciation
419999 The Arts not elsewhere classified

DIVISION 420000 LANGUAGE AND CULTURE

This division covers language, literature and cultural studies.

This division has four disciplines:

420100   Language Studies
420200   Literature Studies
420300   Cultural Studies
429900   Other Language and Culture

Exclusions:
Linguistics is included in Discipline 380200 Linguistics.

DISCIPLINE 420100 LANGUAGE STUDIES

This discipline covers language studies.

This discipline has twenty three subjects:

420101   English
420102   English as a Second Language
420103   Aboriginal Languages
420104   Latin
420105   Greek
420106   French
420107   German
420108   Italian
420109   Spanish
420110   Russian
420111   Other European Languages
420112   Chinese Languages
420113   Japanese
420114   Indonesian Languages
420115   Malaysian Languages
420116   Indian Languages
420117   Korean
420118   Vietnamese Languages
420119   Thai Languages
420120   Other Asian Languages
420121   Comparative Language Studies
420122   Oracy and Oral Traditions
420199   Language Studies not elsewhere classified

Exclusions:
Linguistics is included in Discipline 380200 Linguistics.

DISCIPLINE 420200 LITERATURE STUDIES

This discipline covers literature and literary studies.

This discipline has twenty one subjects:

420201   British and Irish
420202   Australian and New Zealand
420203   North American
420204   South American
420205   Latin and Classical Greek
420206   French
420207   German
420208   Italian
420209   Russian
420210   Other European
420211   Chinese
420212   Japanese
420213   Indonesian
420214   Indian
420215   Other Asian
420216   Comparative Literature Studies
420217   Textual Transmission and the Material Record
420218   Literary Theory
420219   Stylistics
420220   Folklore, Myth and Mythologies
420299   Literature Studies not elsewhere classified

DISCIPLINE 420300 CULTURAL STUDIES

This discipline covers cultural studies.

This discipline has nine subjects:

420301   Cultural Policy Studies
420302   Cultural Theory
420303   Culture, Gender, Sexuality
420304   Screen and Media Culture
420305   Aboriginal Cultural Studies
420306   Postcolonial and Global Cultural Studies
420307   Consumption and Everyday Life
420308   Multicultural, Intercultural and Cross-cultural Studies
420399   Cultural Studies not elsewhere classified

DISCIPLINE 429900 OTHER LANGUAGE AND CULTURE

This discipline covers language and culture not elsewhere classified.

It has the one subject:

429999   Other Language and Culture

DIVISION 430000 HISTORY AND ARCHAEOLOGY

This division covers history and archaeology.

This division has three disciplines:

430100   Historical Studies
430200   Archaeology and Prehistory
439900   Other History and Archaeology

DISCIPLINE 430100 HISTORICAL STUDIES

This discipline covers the study of history and biography.

This discipline has thirteen subjects:

430101 History: Australian
430102 History: Asian
430103 History: Pacific
430104 History: North American
430105 History: Latin American
430106 History: African
430107 History: British
430108 History: European
430109 History: Middle Eastern
430110 History: Classical Greek and Roman
430111 History: Other
430112 Biography
430199 Historical Studies not elsewhere classified

Exclusions:
(a) The history of education is included in Discipline 330100 Education Studies;
(b) the history of science and medicine is included in Discipline 370600 History and Philosophy of Science and Medicine;
(c) the history of law and justice is included in Discipline 399900 Other Law, Justice and Law Enforcement; and
(d) historical archaeology is included in Discipline 430200 Archaeology and Prehistory.

DISCIPLINE 430200 ARCHAEOLOGY AND PREHISTORY

This discipline covers archaeology and prehistory.

This discipline has eight subjects:

430201 Archaeology of Hunter-Gatherer Societies (incl. Pleistocene Archaeology)
430202 Archaeology of Agricultural and Pastoral Societies
430203 Archaeology of Complex Societies: Europe, the Mediterranean and the Levant
430204 Archaeology of Complex Societies: Asia, Africa, Oceania and the Americas
430205 Historical Archaeology (incl. Industrial Archaeology)
430206 Maritime Archaeology
430207 Archaeological Science
430299 Archaeology and Prehistory not elsewhere classified

DISCIPLINE 439900 OTHER HISTORY AND ARCHAEOLOGY

This discipline covers history and archaeology not elsewhere classified.

It has the one subject:

439999 Other History and Archaeology

DIVISION 440000 PHILOSOPHY AND RELIGION

This division covers philosophy and religion.

This division has three disciplines:

440100 Philosophy
440200 Religion and Religious Traditions
449900 Other Philosophy and Religion

DISCIPLINE 440100 PHILOSOPHY

This discipline covers philosophy.

This discipline has sixteen subjects:

440101 Aesthetics
440102 Epistemology
440103 Ethical Theory
440104 Applied Ethics (incl. Bioethics and
 Environmental Ethics)
440105 History of Philosophy and History of Ideas
440106 Logic
440107 Metaphysics
440108 Philosophy of Language
440109 Philosophy of Mind (excl. Cognition)
440110 Social Philosophy
440111 Phenomenology
440112 Hermeneutic Theory
440113 Comparative Philosophy
440114 Philosophy of Action
440115 Philosophy of Specific Cultures (e.g. Ancient
 Greek, Chinese)
440199 Philosophy not elsewhere classified

Exclusions:
(a) Mathematical logic is included in Discipline 230100
 Mathematics;
(b) human bioethics is included in Discipline 321200
 Public Health and Health Services;
(c) political philosophy is included in Discipline
 360100 Political Science;
(d) the philosophy of cognition is included in
 Discipline 380300 Cognitive Science;
(e) the philosophy of science and medicine is included
 in Discipline 390600 History and Philosophy of
 Science and Medicine;
(f) the philosophy of law and justice is included in
 Discipline 399900 Other Law, Justice and Law
 Enforcement; and
(g) the philosophy of religion is included in Discipline
 440200 Religion and Religious Traditions.

DISCIPLINE 440200 RELIGION AND RELIGIOUS TRADITIONS

This discipline covers the study of religion. It includes theology, comparative religion and the philosophy of religion.

This discipline has ten subjects:

440201 Hindu Studies
440202 Buddhist Studies
440203 Jewish Studies
440204 Christian Theology (incl. Biblical Studies and
 Church History)
440205 Islamic Studies
440206 Studies in Other Religious Traditions
440207 Religion and Society
440208 Psychology of Religion
440209 Philosophy of Religion
440299 Religion and Religious Traditions not elsewhere
 classified

Exclusions:
(a) Language studies are included in Discipline 420100
 Language Studies; and
(b) folklore, myth and mythologies are included in
 Discipline 420200 Literature Studies.

DISCIPLINE 449900 OTHER PHILOSOPHY AND RELIGION

This discipline covers philosophy and religion not elsewhere classified.

It has the one subject:

449999 Other Philosophy and Religion

CHAPTER 4: SOCIO-ECONOMIC OBJECTIVE CLASSIFICATION (SEO)

NATURE AND PURPOSE OF
THE SEO CLASSIFICATION

The SEO Classification allows R&D data to be classified according to the researcher's perceived **purpose**. The purpose categories take account of processes, products, health, education and other social and environmental aspects of particular interest.

A purpose classification such as the SEO provides a set of categories which collectively exhaust all the objectives of research. In this respect, the scope of the SEO is more extensive than a classification of economic activities such as the Australian and New Zealand Standard Industrial Classification (ANZSIC), because not all R&D has an economic motive or context.

STRUCTURE OF THE SEO
CLASSIFICATION

The SEO Classification is arranged in a hierarchical structure. It has 5 divisions, 18 subdivisions, 107 groups and 594 classes.

The divisions and subdivisions are:

Division 1 Defence
- Subdivision 610000   Defence

Division 2 Economic Development
- Subdivision 620000   Plant Production and Plant Primary Products
- Subdivision 630000   Animal Production and Animal Primary Products
- Subdivision 640000   Mineral Resources (Excl. Energy)
- Subdivision 650000   Energy Resources
- Subdivision 660000   Energy Supply
- Subdivision 670000   Manufacturing
- Subdivision 680000   Construction
- Subdivision 690000   Transport
- Subdivision 700000   Information and Communication Services
- Subdivision 710000   Commercial Services and Tourism
- Subdivision 720000   Economic Framework

Division 3 Society
- Subdivision 730000   Health
- Subdivision 740000   Education and Training
- Subdivision 750000   Social Development and Community Services

Division 4 Environment
- Subdivision 760000   Environmental Policy Frameworks and Other Aspects
- Subdivision 770000   Environmental Management

Division 5 Non-Oriented Research
- Subdivision 780000   Non-Oriented Research

STRUCTURE OF THE SEO
CLASSIFICATION *continued*

Subdivisions, groups and classes are all assigned six-digit codes. Subdivisions are uniquely identified by the first two digits and the remainder of the code is zero filled. Groups are uniquely identified by the first four digits and the remainder of the code is zero filled. Classes have unique six-digit codes.

There are ninety-nine possible categories at the subdivision, group and class levels to allow for future expansion of the classification. The divisions are not reflected in the code system at the subdivision or finer levels.

GUIDELINES FOR
CLASSIFYING R&D BY SEO

The following general procedures are aimed to ensure consistent and successful classification of R&D data.

A Research Project is to be allocated to a class in a hierarchical manner. This is achieved by first determining the SEO **division** in which the research is being performed, then the most relevant **subdivision** within that division, then the most relevant **group** within that subdivision, and finally by selecting the relevant **class** within a chosen group.

It is vital to firstly identify the higher level classifications for the Research Project as some classes, although within different groups, have identical class titles.

In general, a Research Project is to be classified to **one class only**. There are cases however where a large Research Project is directed towards more than one socio-economic objective. In such cases, the aim should be to allocate R&D resources on a proportional basis.

Where a defined class cannot be identified within a group for a Research Project, the 'Other' or 'n.e.c.' category at the class level is to be used.

RELATIONSHIP BETWEEN
THE SEO CLASSIFICATION
AND THE ANZSIC

In studying industry performance, it is possible to compare trends in industry with the levels of R&D directed towards particular industries. ABS statistics have been compiled according to the Australian and New Zealand Standard Industrial Classification (ANZSIC).

A broad comparison with the ANZSIC categories is shown below.

SEO	ANZSIC		
Defence	Subdivision	82	Defence
Economic Development	Division	A	Agriculture, Forestry, Fishing and Hunting
	Division	B	Mining
	Division	C	Manufacturing
	Division	D	Electricity, Gas and Water Supply
	Division	E	Construction
	Division	F	Wholesale Trade
	Division	G	Retail Trade
	Division	H	Accommodation, Cafes and Restaurants
	Division	I	Transport and Storage
	Division	J	Communication Services
	Division	K	Finance and Insurance
	Division	L	Property and Business Services
Society	Subdivision	81	Government Administration
	Division	N	Education
	Division	O	Health and Community Services
	Division	P	Cultural and Recreational Services
	Subdivision	96	Other Services
Environment	n.a		
Non-Oriented Research	n.a.		

The ANZSIC is a classification of industries. Business units reporting data to a range of ABS censuses and surveys are classified to the ANZSIC on the basis of their predominant economic activity (e.g. what they do to generate income). Normally income is generated through the sale of goods and services produced by the business or bought in from other businesses. An **industry** as represented in ABS statistics is made up of businesses which are classified to it in accordance with the ANZSIC.

When comparing R&D data classified by the SEO with industrial statistics based on the ANZSIC, there are some important considerations to be noted:

- Classifying to an SEO category is subjective, i.e. the category is chosen by the data provider to indicate the main purpose of R&D. Classifying a business to an industry is generally derived objectively through information about its main income generating activity.

- SEO categories do not always correspond with ANZSIC categories on a one to one basis and do not also necessarily correspond with identifiable target industries. For example where the environment is the main potential beneficiary of the R&D, there is no set of business units equivalent and therefore no ANZSIC class is applicable.

RELATIONSHIP BETWEEN
THE SEO CLASSIFICATION
AND THE ANZSIC *continued*

- Some SEO categories are too broad and cannot be correlated to ANZSIC industries. For example, R&D towards improving road safety has potential benefits to a wide range of industries, community services and individuals. There would be some effect on businesses within the transport industry, but this may be incidental to attempts at generally reducing the burden on emergency services, medical services, insurance services, disability services, police services, legal services, etc.

- The nature of R&D is such that there may be no observable effect on ABS industry level statistics, or at least the effect may be difficult to assess. The positive effects of R&D may be concealed at the aggregate industry level because of variation, for a variety of reasons, in data from establishments in the same industry. Additionally, in particular instances, R&D may not lead to initiatives which proceed beyond the test environment.

SOCIO-ECONOMIC OBJECTIVE CLASSIFICATION (SEO)

DIVISION 1 DEFENCE

Subdivision	Group	Class	
610000			**DEFENCE**
	610100		**Defence**
		610101	Navy
		610102	Army
		610103	Air Force
		610104	Combined Operations
		610199	Other

DIVISION 2 ECONOMIC DEVELOPMENT

Subdivision	Group	Class	
620000			**PLANT PRODUCTION AND PLANT PRIMARY PRODUCTS**
	620100		**Field Crops**
		620101	Wheat
		620102	Barley
		620103	Rice
		620104	Other cereals
		620105	Oilseeds
		620106	Sugar
		620107	Cotton
		620108	Grain legumes
		620199	Field crops not elsewhere classified
	620200		**Horticultural Crops**
		620201	Stone fruit
		620202	Pome fruit
		620203	Citrus
		620204	Grapes
		620205	Tropical fruit
		620206	Berry fruit
		620207	Tree nuts
		620208	Vegetables
		620209	Ornamentals, Australian natives and nursery plants
		620299	Horticultural crops not elsewhere classified
	620300		**Forestry**
		620301	Native forests
		620302	Softwood plantations
		620303	Hardwood plantations
		620304	Harvesting and transport of forest products
		620305	Integration of farm and forestry
		620399	Forestry not elsewhere classified
	620400		**Primary Products From Plants**
		620401	Fresh fruit and vegetables (post harvest)
		620402	Unprocessed cereals
		620403	Tobacco leaf
		620404	Cotton lint and cotton seed
		620499	Primary plant products not elsewhere classified
	620500		**Sustainable Plant Production Systems**
		620501	Field crops
		620502	Horticultural crops
		620503	Forestry
		620504	Primary products from plants
630000			**ANIMAL PRODUCTION AND ANIMAL PRIMARY PRODUCTS**
	630100		**Livestock**
		630101	Sheep—meat
		630102	Sheep—wool
		630103	Beef cattle
		630104	Dairy cattle
		630105	Pigs
		630106	Poultry
		630107	Minor livestock (e.g. horses, goats, deer)
		630199	Livestock not elsewhere classified
	630200		**Pasture, Browse and Fodder Crops**
		630201	Sown legumes
		630202	Sown grasses
		630203	Browse crops
		630204	Fodder crops
		630205	Native vegetation
		630299	Other

DIVISION 2 ECONOMIC DEVELOPMENT *continued*

Subdivision	Group	Class	
	630300		**Fish**
		630301	Fisheries—commercial
		630302	Fisheries—recreational
		630303	Aquaculture
		630399	Fish not elsewhere classified
	630400		**Primary Products From Animals**
		630401	Minimally processed fish
		630402	Minimally processed milk
		630403	Raw wool
		630404	Hides and skins
		630499	Primary animal products not elsewhere classified
	630500		**Sustainable Animal Production Systems**
		630501	Livestock
		630502	Pasture, browse and fodder crops
		630503	Fish
		630504	Primary products from animals
640000			**MINERAL RESOURCES (EXCL. ENERGY)**
	640100		**Exploration**
		640101	Iron ores (i.e. ferrous ores)
		640102	Aluminium ores
		640103	Precious (noble) metal ores
		640104	Titanium minerals, zircon, and rare earth metal ores (e.g. monazite)
		640105	Other non-ferrous ores (e.g. copper, zinc)
		640106	Stone and clay
		640199	Other non-metallic minerals (incl. diamonds)
	640200		**Primary Mining and Extraction Processes**
		640201	Iron ores (i.e. ferrous ores)
		640202	Aluminium ores
		640203	Precious (noble) metal ores
		640204	Titanium minerals, zircon, and rare earth metal ores (e.g. monazite)
		640205	Other non-ferrous ores (e.g. copper, zinc)
		640206	Stone and clay
		640299	Other non-metallic minerals (incl. diamonds)
	640300		**First Stage Treatment of Ores and Minerals**
		640301	Beneficiation or dressing of iron ores
		640302	Alumina production
		640303	Other beneficiation of bauxite and aluminium ores
		640304	Concentrating processes of other base metal ores
		640305	Production of unrefined precious metal ingots and concentrates
		640306	Beneficiation or dressing of non-metallic minerals (incl. diamonds)
		640399	Other
	640400		**Prevention and Treatment of Pollution**
		640401	Exploration
		640402	Primary mining and extraction processes
		640403	First stage treatment of ores and minerals
650000			**ENERGY RESOURCES**
	650100		**Exploration**
		650101	Uranium
		650102	Coal
		650103	Oil and gas
		650104	Oil shale and tar sands
		650199	Other

DIVISION 2 ECONOMIC DEVELOPMENT *continued*

Subdivision	Group	Class	
	650200		**Mining and Extraction**
		650201	Uranium
		650202	Coal
		650203	Oil and gas
		650204	Oil shale and tar sands
		650299	Other
	650300		**Preparation and Supply of Energy Source Minerals**
		650301	Uranium
		650302	Coal
		650303	Oil and gas
		650304	Oil shale and tar sands
		650399	Energy minerals not elsewhere classified
	650400		**Prevention and Treatment of Pollution**
		650401	Exploration
		650402	Mining and extraction
		650403	Preparation and supply of energy source minerals
	659900		**Other**
		659999	Other (e.g. safety)
660000			**ENERGY SUPPLY**
	660100		**Energy Transformation**
		660101	Coal—electricity
		660102	Coal—conversion to liquid fuels
		660103	Coal—other purposes
		660104	Nuclear
		660105	Refined oil and gas
		660106	Gas—conversion to liquid fuels
		660107	Oil shale and tar sands—conversion to liquid fuels
		660199	Energy transformation not elsewhere classified
	660200		**Renewable Energy**
		660201	Hydro-electric
		660202	Wind
		660203	Ocean
		660204	Solar-thermal
		660205	Solar-photoelectric
		660206	Solar-thermal electric
		660299	Renewable energy not elsewhere classified (e.g. geothermal)
	660300		**Energy Storage and Distribution**
		660301	Electricity transmission
		660302	Gas distribution
		660303	Energy storage
		660304	Energy systems analysis
		660399	Energy distribution not elsewhere classified
	660400		**Conservation and Efficiency**
		660401	Industry
		660402	Residential and commercial
		660403	Transport
		660499	Other
	660500		**Prevention and Treatment of Pollution**
		660501	Energy transformation
		660502	Renewable energy
		660503	Energy storage and distribution
		660504	Conservation and efficiency
	669900		**Other**
		669999	Other (e.g. safety)

DIVISION 2 ECONOMIC DEVELOPMENT *continued*

Subdivision	Group	Class	
670000			**MANUFACTURING**
	670100		**Processed Food Products and Beverages**
		670101	Carcass meat
		670102	Meat products
		670103	Fish products
		670104	Fruit and vegetable products (incl. fruit juices)
		670105	Dairy products
		670106	Oils and fats (incl. margarines)
		670107	Grain mill products, starch and starch products (incl. sugar, bakery products)
		670108	Beverages (e.g. alcohol, wines, soft drinks, excl. fruit juices)
		670199	Processed food products and beverages not elsewhere classified
	670200		**Fibre Processing and Textiles; Footwear and Leather Products**
		670201	Cotton ginning
		670202	Wool scouring and top making
		670203	Natural yarns and fabrics
		670204	Synthetic fibres, yarns and fabrics
		670205	Other fibre processing and textiles
		670206	Processed skins, leather and leather products not elsewhere classified
		670207	Clothing
		670208	Footwear
		670299	Other
	670300		**Wood, Wood Products and Paper**
		670301	Hardwood sawing and veneer
		670302	Softwood sawing and veneer
		670303	Pulp and paper
		670304	Reconstituted products (e.g. chipboard, particle board)
		670305	Woodchips
		670306	Wood products not elsewhere classified
		670307	Paper products
		670308	Printing and publishing processes
		670399	Other
	670400		**Human Pharmaceutical Products**
		670401	Prevention—biologicals (e.g. vaccines)
		670402	Diagnostics
		670403	Treatments (e.g. chemicals, antibiotics)
		670499	Other
	670500		**Veterinary Pharmaceutical Products**
		670501	Prevention—biologicals (e.g. vaccines)
		670502	Diagnostics
		670503	Treatments (e.g. chemicals, antibiotics)
		670599	Other (incl. production enhancement)
	670600		**Agricultural Chemicals**
		670601	Chemical fertilisers
		670602	Crop and animal protection chemicals
		670699	Agricultural chemicals not elsewhere classified
	670700		**Industrial Chemicals and Related Products**
		670701	Industrial gases
		670702	Synthetic resins and rubber
		670703	Rubber products
		670704	Plastics in primary forms
		670705	Plastic products (incl. construction materials)
		670706	Organic industrial chemicals not elsewhere classified
		670707	Inorganic industrial chemicals
		670708	Paints
		670709	Soaps and cosmetics
		670710	Bituminous products
		670711	Lubricants
		670799	Other

DIVISION 2 ECONOMIC DEVELOPMENT *continued*

Subdivision	Group	Class	
	670800		**Basic Metal Products (incl. Smelting)**
		670801	Iron and steel (e.g. ingots, bars, rods, shapes and sections)
		670802	Aluminium
		670803	Precious metals (e.g. refined bullion, wire and strip)
		670899	Other non-ferrous metals (e.g. copper, zinc)
	670900		**Ceramics, Glass and Industrial Mineral Products**
		670901	Ceramics
		670902	Structural glass and glass products
		670903	Clay products
		670904	Cement and concrete products
		670999	Ceramics, glass and industrial mineral products not elsewhere classified
	671000		**Fabricated Metal Products**
		671001	Structural metal products
		671002	Sheet metal products
		671003	Semi-finished products
		671004	Castings
		671005	Machined products
		671099	Fabricated metal products not elsewhere classified
	671100		**Transport Equipment**
		671101	Automotive equipment
		671102	Rail equipment
		671103	Nautical equipment
		671104	Aerospace equipment
		671199	Transport equipment not elsewhere classified
	671200		**Computer Hardware and Electronic Equipment**
		671201	Integrated circuits and devices
		671202	Modules—special and attached processors
		671203	Modules—other processes
		671204	Electronic office equipment
		671205	Computer equipment
		671206	Integrated systems
		671299	Computer hardware and electronic equipment not elsewhere classified
	671300		**Communication Equipment**
		671301	Broadcasting equipment
		671302	Postal equipment
		671303	Voice equipment
		671304	Data, image and text equipment
		671305	Network transmission equipment
		671306	Network switching equipment
		671399	Communication equipment not elsewhere classified
	671400		**Instrumentation**
		671401	Scientific instrumentation
		671402	Medical instrumentation
		671403	Industrial instrumentation
		671404	Photographic equipment
		671499	Instrumentation not elsewhere classified
	671500		**Machinery and Equipment**
		671501	Agricultural machinery and equipment
		671502	Mining machinery and equipment
		671503	Appliances and electrical machinery and equipment
		671504	Industrial machinery and equipment
		671505	Construction machinery and equipment
		671599	Machinery and equipment not elsewhere classified
	671600		**Other Manufactured Products**
		671601	Tobacco products
		671602	Furniture
		671603	Prefabricated buildings
		671699	Manufactured products not elsewhere classified

DIVISION 2 ECONOMIC DEVELOPMENT *continued*

Subdivision	Group	Class	
	671700		**Prevention and Treatment Of Pollution**
		671701	Processed food products and beverages
		671702	Fibre processing and textiles; footwear and leather products
		671703	Wood, wood products and paper
		671704	Human pharmaceutical products
		671705	Veterinary pharmaceutical products
		671706	Agricultural chemicals
		671707	Industrial chemicals and related products
		671708	Basic metal products (incl. smelting)
		671709	Ceramics, glass and industrial mineral products
		671710	Fabricated metal products
		671711	Transport equipment
		671712	Computer hardware and electronic equipment
		671713	Communication equipment
		671714	Instrumentation
		671715	Machinery and equipment
		671716	Other manufactured products
680000			**CONSTRUCTION**
	680100		**Planning**
		680101	Housing
		680102	Commercial
		680103	Civil
		680104	Industrial
		680199	Other
	680200		**Design**
		680201	Housing
		680202	Commercial
		680203	Civil
		680204	Industrial
		680299	Other
	680300		**Materials Performance and Processes**
		680301	Stone, ceramics and clay materials
		680302	Cement and concrete materials
		680303	Polymeric materials (e.g. paints)
		680304	Timber materials
		680305	Metals (composites, coatings, bonding, etc.)
		680399	Other
	680400		**Construction Processes**
		680401	Housing
		680402	Commercial
		680403	Civil
		680404	Industrial
		680499	Other
	680500		**Building Management and Services**
		680501	Housing
		680502	Commercial
		680503	Civil
		680504	Industrial
		680599	Other
	680600		**Prevention and Treatment of Pollution**
		680601	Planning
		680602	Design
		680603	Materials performance and processes
		680604	Construction processes
		680605	Building management and services

DIVISION 2 ECONOMIC DEVELOPMENT *continued*

Subdivision	Group	Class	
690000			**TRANSPORT**
	690100		**Ground Transport**
		690101	Road safety
		690102	Other road transport
		690103	Rail transport
		690199	Ground transport not elsewhere classified
	690200		**Water Transport**
		690201	International sea transport
		690202	Coastal water transport
		690203	Inland water transport
	690300		**Air Transport**
		690301	Air transport
		690302	Space transport
	690400		**Other Transport**
		690401	Multimodal transport
		690402	Intermodal materials handling
		690499	Transport not elsewhere classified
	690500		**Prevention and Treatment of Pollution**
		690501	Ground transport
		690502	Water transport
		690503	Air transport
		690504	Other transport
700000			**INFORMATION AND COMMUNICATION SERVICES**
	700100		**Computer Software and Services**
		700101	Application packages
		700102	Application tools and system utilities
		700103	Information processing services
		700199	Computer software and services not elsewhere classified
	700200		**Other Information Services**
		700201	Library and related information services
		700299	Information services not elsewhere classified
	700300		**Communication Services**
		700301	Broadcasting
		700302	Telecommunications
		700303	Postal communications
		700399	Communication services not elsewhere classified
	700400		**Prevention and Treatment of Pollution**
		700401	Prevention and treatment of pollution
710000			**COMMERCIAL SERVICES AND TOURISM**
	710100		**Electricity, Gas and Water Services and Utilities**
		710101	Electricity services and utilities
		710102	Gas services and utilities
		710103	Water services and utilities
	710200		**Waste Management and Recycling**
		710201	Waste management
		710202	Recycling
		710299	Other
	710300		**Wholesale and Retail Trade**
		710301	Wholesale
		710302	Retail trade
	710400		**Finance, Property and Business Services**
		710401	Finance and investment services
		710402	Insurance services
		710403	Property and business services

DIVISION 2 ECONOMIC DEVELOPMENT *continued*

Subdivision	Group	Class	
	710500		**Tourism**
		710501	Economic issues
		710502	Socio-cultural issues
		710503	Tourism infrastructure development
		710599	Tourism not elsewhere classified
	710600		**Other Commercial Services**
		710601	Recreational services
		710602	Hospitality services
		710603	Commercial security services
		710699	Commercial services not elsewhere classified
	710700		**Prevention and Treatment Of Pollution**
		710701	Electricity, gas and water services and utilities
		710702	Waste management and recycling
		710703	Wholesale and retail trade
		710704	Finance, property and business services
		710705	Tourism
		710706	Other commercial services
720000			**ECONOMIC FRAMEWORK**
	720100		**Macroeconomic Issues**
		720101	Fiscal policy
		720102	Monetary policy
		720103	Exchange rates
		720104	Balance of payments
		720105	Income policy
		720106	Taxation
		720199	Macroeconomic issues not elsewhere classified
	720200		**Microeconomic Issues**
		720201	Microeconomic effects of taxation
		720202	Consumption
		720203	Industrial organisations
		720204	Industry policy
		720205	Industry costs and structure
		720299	Microeconomic issues not elsewhere classified
	720300		**International Trade Issues**
		720301	Trade policy
		720302	Assistance and protection
		720303	International agreements on trade
		720399	International trade issues not elsewhere classified
	720400		**Management and Productivity Issues**
		720401	Marketing
		720402	Industrial relations
		720403	Management
		720404	Productivity
		720499	Management and productivity issues not elsewhere classified
	720500		**Measurement Standards and Calibration Services**
		720501	Defence standards and calibrations
		720502	Manufacturing standards and calibrations
		720503	Service industries standards and calibrations
		720599	Measurement standards and calibration services not elsewhere classified
	729900		**Other Economic Issues**
		729901	Technological and organisational innovation
		729999	Economic issues not elsewhere classified

DIVISION 3 SOCIETY *continued*

Subdivision	Group	Class	
730000			**HEALTH**
	730100		Clinical (Organs, Diseases and Abnormal Conditions)
		730101	Infectious diseases
		730102	Immune system and allergy
		730103	Blood disorders
		730104	Nervous system and disorders
		730105	Endocrine organs and diseases (incl. diabetes)
		730106	Cardiovascular system and diseases
		730107	Inherited diseases (incl. gene therapy)
		730108	Cancer and related disorders
		730109	Surgical methods and procedures
		730110	Respiratory system and diseases (incl. asthma)
		730111	Hearing, vision, speech and their disorders
		730112	Oro-dental and disorders
		730113	Digestive system and disorders
		730114	Skeletal system and disorders (incl. arthritis)
		730115	Urogenital system and disorders
		730116	Reproductive system and disorders
		730117	Skin and related disorders
		730118	Organs, diseases and abnormal conditions not elsewhere classified
		730199	Clinical health not specific to particular organs, diseases and conditions
	730200		Public Health
		730201	Women's health
		730202	Men's health
		730203	Health related to ageing
		730204	Child health
		730205	Substance abuse
		730206	Aboriginal and Torres Strait Islander health
		730207	Health related to specific ethnic groups
		730208	Occupational health (excl. economic development aspects)
		730209	Rural health
		730210	Environmental health
		730211	Mental health
		730212	Disease distribution and transmission
		730213	Preventive medicine
		730214	Dental health
		730215	Nutrition
		730216	Food safety
		730217	Health status (e.g. indicators of "well-being")
		730218	Social structure and health
		730219	Behaviour and health
		730220	Injury control
		730299	Public health not elsewhere classified
	730300		Health and Support Services
		730301	Health education and promotion
		730302	Nursing
		730303	Occupational, speech and physiotherapy
		730304	Palliative care
		730305	Diagnostic methods
		730306	Evaluation of health outcomes
		730307	Health policy evaluation
		730308	Health policy economic outcomes
		730399	Health and support services not elsewhere classified

DIVISION 3 SOCIETY

Subdivision	Group	Class	
740000			**EDUCATION AND TRAINING**
	740100		**Early Childhood and Primary Education**
		740101	Early childhood education
		740102	Primary education
	740200		**Secondary Education**
		740201	Secondary education
	740300		**Higher Education**
		740301	Higher education
	740400		**Vocational Education and Training**
		740401	Vocational education and training
	740500		**Special Education**
		740501	Special education
	749900		**Other Education**
		749901	Occupational training
		749902	Continuing education
		749903	Aboriginal and Torres Strait Islander education
		749904	Education across cultures
		749905	Gender aspects of education
		749906	Education policy
		749999	Education and training not elsewhere classified
750000			**SOCIAL DEVELOPMENT AND COMMUNITY SERVICES**
	750100		**Work**
		750101	Employment
		750102	Changing work patterns
		750103	The professions and professionalisation
		750104	Preserving institutional and organisational histories
		750199	Work not elsewhere classified
	750200		**Arts and Leisure**
		750201	The performing arts (incl. music, theatre and dance)
		750202	The creative arts
		750203	Organised sports
		750204	Recreation
		750299	Arts and leisure not elsewhere classified
	750300		**Community Service (excl. Work)**
		750301	The distribution of wealth
		750302	Class
		750303	Gender
		750304	The aged
		750305	Ability and disability
		750306	Ethnicity and multiculturalism
		750307	Families
		750308	National identity
		750309	Aboriginal and Torres Strait Islander development and welfare
		750310	Carers development and welfare (i.e. carers for the aged, disabled)
		750311	Migrant development and welfare
		750312	Youth/child development and welfare
		750399	Community services not elsewhere classified
	750400		**Religion and Ethics**
		750401	Religion and society
		750402	Religious structures and rituals
		750403	Bioethics
		750404	Social ethics
		750405	Environmental ethics
		750406	Business ethics
		750499	Religion and ethics not elsewhere classified

DIVISION 3 SOCIETY *continued*

Subdivision	Group	Class	
	750500		**Justice and the Law**
		750501	Ownership of the land
		750502	Consumer affairs
		750503	Understanding legal processes
		750504	Law enforcement
		750505	Correctional services
		750599	Justice and the law not elsewhere classified
	750600		**Government and Politics**
		750601	Understanding political systems
		750602	Understanding electoral systems
		750603	Federalism in Australia
		750604	Civics and citizenship
		750605	Public services management
		750699	Government and politics not elsewhere classified
	750700		**International Relations**
		750701	Understanding international relations
		750702	Understanding other countries
		750703	International organisations
		750704	International aid
		750799	International relations not elsewhere classified
	750800		**Heritage**
		750801	Preserving the built environment
		750802	Preserving movable cultural heritage
		750803	Urban planning
		750804	Regional planning
		750805	Aboriginal and Torres Strait Islander heritage
		750899	Heritage not elsewhere classified
	750900		**Understanding Past Societies**
		750901	Understanding Australia's past
		750902	Understanding the pasts of other societies
	751000		**Communication**
		751001	Languages and literature
		751002	Languages and literacy
		751003	Visual communication
		751004	The media
		751005	Communication across languages and cultures
		751006	Managing collections
		751099	Communication not elsewhere classified
	759900		**Other Social Development and Community Services**
		759999	Other social development and community services

DIVISION 4 ENVIRONMENT

Subdivision	Group	Class	
760000			**ENVIRONMENTAL POLICY FRAMEWORKS AND OTHER ASPECTS**
	760100		**Environmental Policy, Legislation and Standards**
		760101	Global climate change adaptation measures
		760102	Trade and environment
		760103	Consumption patterns, population issues and the environment
		760104	Environmental education and awareness
		760199	Environmental policy, legislation and standards not elsewhere classified
	760200		**Environmental and Resource Evaluation**
		760201	Institutional arrangements
		760202	Economic incentives and regulation
		760203	Rights to environmental and natural resources
		760299	Environmental and resource evaluation not elsewhere classified
	769900		**Other Environmental Aspects**
		769999	Other Environmental aspects
770000			**ENVIRONMENTAL MANAGEMENT**
	770100		**Climate and Weather**
		770101	Climate change
		770102	Climate variability
		770103	Weather
		770199	Other
	770200		**Atmosphere (excl. Climate and Weather)**
		770201	Atmospheric composition
		770202	Atmospheric processes
	770300		**Marine Environment**
		770301	Air quality
		770302	Living resources (incl. impacts of fishing on non-target species)
		770303	Control of pests and exotic species
		770304	Physical and chemical conditions
		770305	Oceanic processes (excl. climate related)
		770306	Integrated (ecosystem) assessment and management
		770307	Marine protected areas
		770399	Other
	770400		**Coastal and Estuarine Environment**
		770401	Air quality
		770402	Land and water management
		770403	Living resources (flora and fauna)
		770404	Control of pests and exotic species
		770405	Physical and chemical conditions
		770406	Integrated (ecosystem) assessment and management
		770407	Remnant vegetation and protected conservation areas (both terrestrial and marine)
		770408	Rehabilitation of degraded coastal and estuarine areas
		770409	Estuarine and lagoon areas
		770499	Other
	770500		**Urban and Industrial Environment**
		770501	Air quality
		770502	Land and water management
		770503	Living resources (flora and fauna)
		770504	Control of pests and exotic species
		770505	Integrated (ecosystem) assessment and management
		770506	Remnant vegetation and protected conservation areas
		770507	Industrial/degraded areas
		770599	Other

DIVISION 4 ENVIRONMENT *continued*

Subdivision	Group	Class	
	770600		**High Country (incl. Mountains)**
		770601	Air quality
		770602	Land and water management
		770603	Living resources (flora and fauna)
		770604	Control of pests and exotic species
		770605	Integrated (ecosystem) assessment and management
		770606	Remnant vegetation and protected conservation areas
		770607	Rehabilitation of degraded high country
		770699	Other
	770700		**Forest and Wooded Lands**
		770701	Air quality
		770702	Land and water management
		770703	Living resources (flora and fauna)
		770704	Control of pests and exotic species
		770705	Integrated (ecosystem) assessment and management
		770706	Remnant vegetation and protected conservation areas
		770707	Rehabilitation/reafforestation
		770799	Other
	770800		**Farmland (incl. Arable Land and Permanent Crop Land)**
		770801	Air quality
		770802	Land and water management
		770803	Living resources (flora and fauna)
		770804	Control of pests and exotic species
		770805	Integrated (ecosystem) assessment and management
		770806	Remnant vegetation and protected conservation areas
		770807	Rehabilitation of degraded farmland
		770899	Other
	770900		**Sparseland (incl. Permanent Grassland and the Arid Zone)**
		770901	Air quality
		770902	Land and water management
		770903	Living resources (flora and fauna)
		770904	Control of pests and exotic species
		770905	Integrated (ecosystem) assessment and management
		770906	Remnant vegetation and protected conservation areas
		770907	Rehabilitation of degraded sparseland
		770999	Other
	771000		**Mining Environments**
		771001	Air quality
		771002	Land and water management
		771003	Living resources (flora and fauna)
		771004	Control of pests and exotic species
		771005	Integrated (ecosystem) assessment and management
		771006	Remnant vegetation and protected conservation areas
		771007	Rehabilitation of degraded mining lands
		771099	Other
	771100		**Antarctic and Sub-Antarctic Areas**
		771101	Air quality
		771102	Land and water management
		771103	Living resources (flora and fauna)
		771104	Control of pests and exotic species
		771105	Integrated (ecosystem) assessment and management
		771199	Other

DIVISION 4 ENVIRONMENT *continued*

Subdivision	Group	Class	
	779900		**Other (incl. Islands)**
		779901	Air quality
		779902	Land and water management
		779903	Living resources (flora and fauna)
		779904	Control of pests and exotic species
		779905	Integrated (ecosystem) assessment and management
		779906	Remnant vegetation and protected conservation areas
		779907	Rehabilitation of degraded areas
		779999	Other

DIVISION 5 NON-ORIENTED RESEARCH

Subdivision	Group	Class	
780000			**NON-ORIENTED RESEARCH**
	780100		Non-oriented Research
		780101	Mathematical sciences
		780102	Physical sciences
		780103	Chemical sciences
		780104	Earth sciences
		780105	Biological sciences
		780106	Political science and public policy
		780107	Studies in human society
		780108	Behavioural and cognitive sciences
		780199	Other

DEFINITIONS

DIVISION 1 DEFENCE

SUBDIVISION 610000 DEFENCE

GROUP 610100 DEFENCE

This division covers R&D directed towards the development of defence or national security, including R&D undertaken for military reasons regardless of their content or whether they have secondary civil applications; and towards the development and testing of military or defence related equipment and materials.

It includes nuclear and space R&D undertaken for military purposes.

Group 610100 Defence has five classes:

610101	Navy
610102	Army
610103	Air force
610104	Combined operations
610199	Other

Exclusions: R&D directed towards
(a) improving the methods of producing or processing military or defence related equipment and materials is included in the appropriate groups in Division 2 Economic Development, e.g. military transport equipment is included in Group 671100 Transport Equipment;
(b) the development of measurement standards and calibration for defence related products and processes is also included in Division 2 Economic Development, Subdivision 720000 Economic Framework, Group 720500 Measurement Standards and Calibration Services; and
(c) civil oriented projects although funded by defence agencies is included in the appropriate groups in other divisions, e.g. communication is included in Subdivision 700000 Information and Communication Services, Group 700300 Communication Services.

DIVISION 2 ECONOMIC DEVELOPMENT

This division covers R&D directed towards the various areas of economic development. Such R&D is undertaken in support of plant and animal production, developing mineral and energy resources, energy provision or supply and the development of manufacturing industry, construction industry and transportation systems (incl. safety), the provision of information and communication, the provision of commercial services to all areas of economic development and the contribution to understanding the economic framework within which development takes place.

R&D directed towards improving the methods of producing or processing military or defence materials and equipment is included in this division.

It includes R&D directed towards 'clean production' to minimise emissions to the environment from industrial processes or towards protection of the production site (e.g. sustainability of agricultural production systems).

This division has eleven subdivisions:

620000	Plant Production and Plant Primary Products
630000	Animal Production and Animal Primary Products
640000	Mineral Resources (Excl. Energy)
650000	Energy Resources
660000	Energy Supply
670000	Manufacturing
680000	Construction
690000	Transport
700000	Information and Communication Services
710000	Commercial Services and Tourism
720000	Economic Framework

Exclusions: R&D directed towards the development and testing of military or defence related equipment and materials is included in Division 1 Defence.

SUBDIVISION 620000 PLANT PRODUCTION AND PLANT PRIMARY PRODUCTS

This subdivision covers R&D directed towards improving the characteristics, propagation and growing of field and horticultural crops, native forest, hardwood and softwood plantations; and the production of associated primary plant products.

This subdivision also includes R&D directed towards improving the post-harvest processing, preparation, handling, storage and marketing of primary plant products and R&D directed towards developing sustainable plant production systems.

This subdivision has five groups:

620100	Field Crops
620200	Horticultural Crops
620300	Forestry
620400	Primary Products from Plants
620500	Sustainable Plant Production Systems

Exclusions: R&D directed towards the manufacture of processed plant products and their primary products is included in Subdivision 670000 Manufacturing.

DIVISION 2 ECONOMIC DEVELOPMENT *continued*

GROUP 620100 FIELD CROPS

This group covers R&D directed towards improving the characteristics and growing of wheat, barley, coarse grains, rice, oilseeds and grain legumes, sugar, cotton or other field crops.

This group includes R&D directed towards harvesting field crops.

This group has nine classes:

620101   Wheat
620102   Barley
620103   Rice
620104   Other cereals
620105   Oilseeds
620106   Sugar
620107   Cotton
620108   Grain legumes
620199   Field crops not elsewhere classified

Exclusions: R&D directed towards the
(a)   transportation, storage and marketing of primary products from field crops is included in Group 620400 Primary Products from Plants;
(b)   environmental management aspects of growing field crops is included in Group 620500 Sustainable Plant Production Systems;
(c)   growing, harvesting and storage of pasture, browse or fodder crops is included in Group 630200 Pasture, Browse and Fodder Crops; and
(d)   manufacture of processed products from field crops is included in either Group 670100 Processed Food Products and Beverages, Group 670200 Fibre Processing and Textiles; Footwear and Leather Products or Group 671600 Other Manufactured Products.

GROUP 620200 HORTICULTURAL CROPS

This group covers R&D directed towards improving the characteristics, propagation and growing of stone and pome fruit, citrus, grapes, tropical and berry fruit, tree nuts, vegetables, ornamentals, Australian native plants, nursery plants and other horticultural crops.

This group includes R&D directed towards harvesting horticultural crops.

This group has ten classes:

620201   Stone fruit
620202   Pome fruit
620203   Citrus
620204   Grapes
620205   Tropical fruit
620206   Berry fruit
620207   Tree nuts
620208   Vegetables
620209   Ornamentals, Australian natives and nursery plants
620299   Horticultural crops not elsewhere classified

Exclusions: R&D directed towards the
(a)   transportation, storage and marketing of primary horticultural products, including post-harvest handling of fresh fruit and vegetables and other horticultural crops is included in Group 620400 Primary Products from Plants;
(b)   environmental management aspects of growing horticultural crops is included in Group 620500 Sustainable Plant Production Systems; and
(c)   manufacture of processed products from horticultural crops is included in either Group 670100 Processed Food Products and Beverages or Group 671600 Other Manufactured Products.

GROUP 620300 FORESTRY

This group covers R&D directed towards improving the operation, maintenance and protection (incl. forest fire-fighting and control) of native forests, softwood or hardwood plantations.

This group includes R&D directed towards the harvesting or transportation of wood and other forest products from forests and plantations and towards the integration of farm and forestry.

This group has six classes:

620301   Native forests
620302   Softwood plantations
620303   Hardwood plantations
620304   Harvesting and transport of forest products
620305   Integration of farm and forestry
620399   Forestry not elsewhere classified

Exclusions: R&D directed towards the
(a)   environmental management aspects of growing native or plantation forests (incl. native and exotic species not intended for timber or paper production) is included in Group 620500 Sustainable Plant Production Systems; and
(b)   processing or manufacture of wood, wood and paper products is included in either Group 670300 Wood, Wood Products and Paper or Group 671600 Other Manufactured Products.

GROUP 620400 PRIMARY PRODUCTS FROM PLANTS

This group covers R&D directed towards improving post-harvest processing or handling (incl. transportation, storage and marketing) of fresh fruit or vegetables, unprocessed cereals, tobacco leaf, cotton lint, cotton seed and other primary plant products.

This group has five classes:

620401 Fresh fruit and vegetables (post harvest)
620402 Unprocessed cereals
620403 Tobacco leaf
620404 Cotton lint and cotton seed
620499 Primary plant products not elsewhere classified

Exclusions: R&D directed towards the
(a) environmental management aspects of preparing or producing primary plant products is included in Group 620500 Sustainable Plant Production Systems;
(b) manufacture of processed products from primary plant products is included in either Group 670100 Processed Food Products and Beverages or Group 670200 Fibre Processing and Textiles; Footwear and Leather Products; and
(c) manufacture of tobacco products is included in Class 671601 Tobacco products.

GROUP 620500 SUSTAINABLE PLANT PRODUCTION SYSTEMS

This group covers R&D directed towards developing sustainable plant production systems. It includes research into soils, water usage and pests if the prime purpose of the research is field crops, horticultural crops, forestry and primary products from plants which are more environmentally and economically sustainable.

This group has four classes:

620501 Field crops
620502 Horticultural crops
620503 Forestry
620504 Primary products from plants

DIVISION 2 ECONOMIC DEVELOPMENT *continued*

SUBDIVISION 630000 ANIMAL PRODUCTION AND ANIMAL PRIMARY PRODUCTS

This subdivision covers R&D directed towards breeding and farming livestock and the production of associated primary livestock products.

This subdivision includes R&D directed towards growing pasture, browse and fodder crops; commercial (incl. aquaculture) and recreational fishing; the preparation, transportation and storage of primary livestock products such as unprocessed milk and raw wool and developing sustainable animal production systems.

This subdivision has five groups:

630100   Livestock
630200   Pasture, Browse and Fodder Crops
630300   Fish
630400   Primary Products from Animals
630500   Sustainable Animal Production Systems

Exclusions: R&D directed towards the manufacture of processed animal products (incl. fish) and their primary products is included in the appropriate groups in Subdivision 670000 Manufacturing.

GROUP 630100 LIVESTOCK

This group covers R&D directed towards farming or breeding livestock including sheep for meat or wool, beef and dairy cattle, horses, pigs, poultry, deer, goats and other livestock (incl. beekeeping, pet breeding) not elsewhere classified.

This group has eight classes:

630101 Sheep—meat
630102 Sheep—wool
630103 Beef cattle
630104 Dairy cattle
630105 Pigs
630106 Poultry
630107 Minor livestock (e.g. horses, goats, deer)
630199 Livestock not elsewhere classified

Exclusions: R&D directed towards the
(a) preparation, transportation, storage and marketing of primary livestock products, e.g. unprocessed milk, raw wool, raw hides and skins, is included in Group 630400 Primary Products from Animals;
(b) environmental management aspects of livestock farming and preparation of livestock products is included in Group 630500 Sustainable Animal Production Systems; and
(c) manufacture of processed livestock products, e.g. processed milk and processed skins, is included in either Group 670100 Processed Food Products and Beverages, Group 670200 Fibre Processing and Textiles; Footwear and Leather Products or Group 671600 Other Manufactured Products.

GROUP 630200 PASTURE, BROWSE AND FODDER CROPS

This group covers R&D directed towards growing sown legumes, sown grasses, browse and fodder crops, native vegetation and any other pasture crops. This group includes R&D directed towards harvesting, preparation and storage of pasture, browse and fodder crops.

This group has six classes:

630201 Sown legumes
630202 Sown grasses
630203 Browse crops
630204 Fodder crops
630205 Native vegetation
630299 Other

Exclusions: R&D directed towards
(a) growing field crops is included in Group 620100 Field Crops;
(b) propagating and growing horticultural crops is included in Group 620200 Horticultural Crops; and
(c) the environmental management aspects of growing pasture and fodder crops is included in Group 630500 Sustainable Animal Production Systems.

DIVISION 2 ECONOMIC DEVELOPMENT *continued*

GROUP 630300 FISH

This group covers R&D directed towards commercial and recreational fishing. This includes R&D directed towards fishing wild prawns, rock lobsters, and other marine species in the ocean, coastal and estuarine waters.

This group also includes R&D directed towards aquaculture or fish farming (incl. breeding or harvesting fish, crustaceans, oyster and other molluscs) in a controlled environment.

This group has four classes:

630301 Fisheries—commercial
630302 Fisheries—recreational
630303 Aquaculture
630399 Fish not elsewhere classified

Exclusions: R&D directed towards the
(a) preparation, transport, storage and marketing of minimally processed fish is included in Group 630400 Primary Products from Animals;
(b) environmental management aspects of fishing is included in Group 630500 Sustainable Animal Production Systems; and
(c) manufacture of processed fish products is included in either Group 670100 Processed Food Products and Beverages or Group 671600 Other Manufactured Products.

GROUP 630400 PRIMARY PRODUCTS FROM ANIMALS

This group covers R&D directed towards improving the preparation or handling (incl. transportation, storage and marketing) of primary livestock products such as minimally processed fish, unprocessed milk, raw wool and other animal fibres, hides and skins.

This group has five classes:

630401 Minimally processed fish
630402 Minimally processed milk
630403 Raw wool
630404 Hides and skins
630499 Primary animal products not elsewhere classified

Exclusions: R&D directed towards the
(a) environmental management aspects of preparing or producing primary livestock products is included in Group 630500 Sustainable Animal Production Systems; and
(b) manufacture of processed products from primary livestock products is included in either Group 670100 Processed Food Products and Beverages, Group 670200 Fibre Processing and Textiles; Footwear and Leather Products or Group 671600 Other Manufactured Products.

GROUP 630500 SUSTAINABLE ANIMAL PRODUCTION SYSTEMS

This group covers R&D directed towards developing sustainable animal production systems. It includes research into pastures, water usage and pests if the prime purpose of the research is livestock, pasture crops, fish and primary products from animals which are more environmentally and economically sustainable.

This group has four classes:

630501 Livestock
630502 Pasture, browse and fodder crops
630503 Fish
630504 Primary products from animals

DIVISION 2 ECONOMIC DEVELOPMENT *continued*

SUBDIVISION 640000 MINERAL RESOURCES (EXCL. ENERGY)

This subdivision covers R&D which primarily benefits or has application to the exploration, mining, extraction and processing of mineral resources.

It includes R&D directed towards 'clean production' to minimise emissions to the environment from the exploration, mining, extraction and processing of mineral resources (excl. energy) or towards protection of the production site.

This subdivision has four groups:

640100   Exploration
640200   Primary Mining and Extraction Processes
640300   First Stage Treatment of Ores and Minerals
640400   Prevention and Treatment of Pollution

Exclusions: R&D directed towards the
(a)   production of energy mineral resources is included in Subdivision 650000 Energy Resources; and
(b)   manufacture of processed products from mineral resources (incl. refining and smelting) is included in Subdivision 670000 Manufacturing.

GROUP 640100 EXPLORATION

This group covers R&D directed towards exploration for minerals including iron ore, other base metals, bauxite and other non-ferrous metal ores, precious metal ores, diamonds and other precious and semi-precious stones, heavy mineral sands, stone, clay and other mineral and metal ores.

This group has seven classes:

640101   Iron ores (i.e. ferrous ores)
640102   Aluminium ores
640103   Precious (noble) metal ores
640104   Titanium minerals, zircon, and rare earth metal ores (e.g. monazite)
640105   Other non-ferrous ores (e.g. copper, zinc)
640106   Stone and clay
640199   Other non-metallic minerals (incl. diamonds)

Exclusions: R&D directed towards
(a)   'clean production' to minimise emissions to the environment from the exploration for mineral resources (excl. energy) or towards protection of the exploration site is included in Group 640400 Prevention and Treatment of Pollution; and
(b)   exploration for energy minerals resources is included in Group 650100 Exploration.

GROUP 640200 PRIMARY MINING AND EXTRACTION PROCESSES

This group covers R&D directed towards mining and extracting iron ore, other base metals, bauxite and other non-ferrous metal ores, precious metal ores, diamonds and other precious and semi-precious stones, heavy mineral sands, stone, clay and other mineral and metal ores.

This group has seven classes:

640201   Iron ores (i.e. ferrous ores)
640202   Aluminium ores
640203   Precious (noble) metal ores
640204   Titanium minerals, zircon, and rare earth metal ores (e.g. monazite)
640205   Other non-ferrous ores (e.g. copper, zinc)
640206   Stone and clay
640299   Other non-metallic minerals (incl. diamonds)

Exclusions: R&D directed towards
(a)   'clean production' to minimise emissions to the environment from the mining and extraction of mineral resources (excl. energy) or towards protection of the production site is included in Group 640400 Prevention and Treatment of Pollution; and
(b)   mining and extracting energy mineral resources is included in Group 650200 Mining and Extraction.

GROUP 640300 FIRST STAGE TREATMENT OF ORES AND MINERALS

This group covers R&D directed towards processing minerals, including beneficiated iron ore, other base metal intermediates, alumina and other non-ferrous metal intermediates, precious metals, heavy mineral sands and other mineral and metal ore intermediate products and processing diamonds and other precious and semi-precious stones prior to the cut gem stage.

This group has seven classes:

640301 Beneficiation or dressing of iron ores
640302 Alumina production
640303 Other beneficiation of bauxite and aluminium ores
640304 Concentrating processes of other base metal ores
640305 Production of unrefined precious metal ingots and concentrates
640306 Beneficiation or dressing of non-metallic minerals (incl. diamonds)
640399 Other

Exclusions: R&D directed towards
(a) 'clean production' to minimise emissions to the environment from the processing of mineral resources (excl. energy) or towards protection of the production site is included in Group 640400 Prevention and Treatment of Pollution;
(b) preparation and supply of energy mineral resources is included in Group 650300 Preparation and Supply of Energy Source Minerals; and
(c) manufacture of processed mineral products (incl. refining and smelting) is included in Group 670800 Basic Metal Products (Incl. Smelting).

GROUP 640400 PREVENTION AND TREATMENT OF POLLUTION

This group covers R&D directed towards 'clean production' to minimise emissions to the environment from the exploration, mining, extraction and processing of mineral resources (excl. energy) or towards protection of the production site.

This group has three classes:

640401 Exploration
640402 Primary mining and extraction processes
640403 First stage treatment of ores and minerals

DIVISION 2 ECONOMIC DEVELOPMENT *continued*

SUBDIVISION 650000 ENERGY RESOURCES

This subdivision covers R&D directed towards the exploration, mining, extraction, preparation and supply of energy mineral resources.

It includes R&D directed towards 'clean production' to minimise emissions to the environment from the exploration, mining, extraction, preparation and supply of energy mineral resources or towards protection of the production site.

This subdivision has five groups:

650100   Exploration
650200   Mining and Extraction
650300   Preparation and Supply of Energy Source Minerals
650400   Prevention and Treatment of Pollution
659900   Other

Exclusions: R&D directed towards the
(a)   exploration, mining, extraction and processing of mineral resources other than used in the production and supply of energy is included in Subdivision 640000 Mineral Resources (Excl. Energy); and
(b)   manufacture of processed products from energy resource minerals is included in Subdivision 670000 Manufacturing.

GROUP 650100 EXPLORATION

This group covers R&D directed towards exploration for uranium, coal, oil and gas, oil shale and tar sands and other energy minerals used for the energy resource industry.

This group has five classes:

650101 Uranium
650102 Coal
650103 Oil and gas
650104 Oil shale and tar sands
650199 Other

Exclusions: R&D directed towards
(a)   exploration for non-energy mineral resources is included in Group 640100 Exploration; and
(b)   'clean production' to minimise emissions to the environment from the exploration for energy mineral resources or towards protection of the exploration site is included in Group 650400 Prevention and Treatment of Pollution.

GROUP 650200 MINING AND EXTRACTION

This group covers R&D directed towards mining and extracting uranium, coal, oil and gas, oil shale and tar sands and other energy resource minerals.

This group has five classes:

650201 Uranium
650202 Coal
650203 Oil and gas
650204 Oil shale and tar sands
650299 Other

Exclusions: R&D directed towards
(a)   mining and extracting non-energy mineral resources is included in Group 640200 Primary Mining and Extraction Processes; and
(b)   'clean production' to minimise emissions to the environment from the mining and extraction of energy mineral resources or towards protection of the production site is included in Group 650400 Prevention and Treatment of Pollution.

GROUP 650300 PREPARATION AND SUPPLY OF ENERGY SOURCE MINERALS

This group covers R&D directed towards the preparation and supply of uranium, coal, oil and gas, oil shale and tar sands and other energy source mineral resources.

This group has five classes:

650301 Uranium
650302 Coal
650303 Oil and gas
650304 Oil shale and tar sands
650399 Energy minerals not elsewhere classified

Exclusions: R&D directed towards
(a)   processing non-energy mineral resources is included in Group 640300 First Stage Treatment of Ores and Minerals; and
(b)   'clean production' to minimise emissions to the environment from the processing of energy mineral resources or towards protection of the production site is included in Group 650400 Prevention and Treatment of Pollution.

GROUP 650400 PREVENTION AND TREATMENT OF POLLUTION

This group covers R&D directed towards 'clean production' to minimise emissions to the environment from the exploration, mining, extraction, preparation and supply of energy mineral resources or towards protection of the production site.

This group has three classes:

650401 Exploration
650402 Mining and extraction
650403 Preparation and supply of energy source minerals

GROUP 659900 OTHER

This group covers R&D directed towards energy resources not elsewhere classified.

It has the one class:

659999 Other (e.g. safety)

DIVISION 2 ECONOMIC DEVELOPMENT *continued*

SUBDIVISION 660000 ENERGY SUPPLY

This subdivision covers R&D directed towards renewable energy, energy production and supply, energy transformation, energy distribution and the conservation or efficient use of energy in the form of derived fuels such as petroleum products, electricity, town gas, coke and briquettes and in the form of heat energy.

It includes R&D directed towards 'clean production' to minimise emissions to the environment from the supply of energy or towards protection of the production site.

This subdivision has six groups:

660100	Energy Transformation
660200	Renewable Energy
660300	Energy Storage and Distribution
660400	Conservation and Efficiency
660500	Prevention and Treatment of Pollution
669900	Other

Exclusions: R&D directed towards the commercial provision of electricity, gas and water services and utilities is included in Subdivision 710000 Commercial Services and Tourism, Group 710100 Electricity, Gas and Water Services and Utilities.

GROUP 660100 ENERGY TRANSFORMATION

This group covers R&D directed towards the transformation of energy resource minerals such as coal, uranium, oil and gas into heat, steam or electricity; and the conversion of coal, natural gas, oil shale and tar sands to liquid fuels.

This group has eight classes:

660101	Coal—electricity
660102	Coal—conversion to liquid fuels
660103	Coal—other purposes
660104	Nuclear
660105	Refined oil and gas
660106	Gas—conversion to liquid fuels
660107	Oil shale and tar sands—conversion to liquid fuels
660199	Energy transformation not elsewhere classified

Exclusions: R&D directed towards 'clean production' to minimise emissions to the environment from energy transformation or towards protection of the production site is included in Group 660500 Prevention and Treatment of Pollution.

GROUP 660200 RENEWABLE ENERGY

This group covers R&D directed towards improving the generation and supply of renewable energy including hydro-electric energy, wind, ocean, geothermal, solar-thermal, solar-photoelectric, solar-thermal electric biomass and other forms of renewable energy.

This group has seven classes:

660201	Hydro-electric
660202	Wind
660203	Ocean
660204	Solar-thermal
660205	Solar-photoelectric
660206	Solar-thermal electric
660299	Renewable energy not elsewhere classified (e.g. geothermal)

Exclusions: R&D directed towards protection of the production site is included in Group 660500 Prevention and Treatment of Pollution.

GROUP 660300 ENERGY STORAGE AND DISTRIBUTION

This group covers R&D directed towards improving energy distribution including electricity transmission, gas distribution and other forms of energy distribution (incl. distribution of manufactured gas through systems of mains).

This group includes R&D directed towards energy storage and energy systems analysis.

This group has five classes:

660301	Electricity transmission
660302	Gas distribution
660303	Energy storage
660304	Energy systems analysis
660399	Energy distribution not elsewhere classified

Exclusions: R&D directed towards
(a) 'clean production' to minimise emissions to the environment from energy storage and distribution or towards protection of the production site is included in Group 660500 Prevention and Treatment of Pollution; and
(b) the provision and management of services, such as electricity, gas and water services and utilities to commercial and residential premises is included in Group 710100 Electricity, Gas and Water Services and Utilities.

GROUP 660400 CONSERVATION AND EFFICIENCY

This group covers R&D directed towards the conservation and efficient use of energy in industry, transport, commerce and households.

This group has four classes:

660401	Industry
660402	Residential and commercial
660403	Transport
660499	Other

DIVISION 2 ECONOMIC DEVELOPMENT *continued*

GROUP 660500 PREVENTION AND TREATMENT OF POLLUTION

This group covers R&D directed towards 'clean production' to minimise emissions to the environment from the supply of energy or towards protection of the production site.

This group has four classes:

660501 Energy transformation
660502 Renewable energy
660503 Energy storage and distribution
660504 Conservation and efficiency

GROUP 669900 OTHER

This group covers R&D in energy supply which is not classified elsewhere (e.g. safety).

This group has the one class:

669999 Other

SUBDIVISION 670000 MANUFACTURING

This subdivision covers R&D directed towards refining and developing processes or strategies for transforming processed or unprocessed materials or components into new products.

This subdivision includes R&D directed towards the manufacture of safe products.

It also includes R&D directed towards 'clean production' to minimise emissions to the environment from manufacturing processes or towards protection of the production site.

This subdivision has seventeen groups:

670100	Processed Food Products and Beverages
670200	Fibre Processing and Textiles; Footwear and Leather Products
670300	Wood, Wood Products and Paper
670400	Human Pharmaceutical Products
670500	Veterinary Pharmaceutical Products
670600	Agricultural Chemicals
670700	Industrial Chemicals and Related Products
670800	Basic Metal Products (Incl. Smelting)
670900	Ceramics, Glass and Industrial Mineral Products
671000	Fabricated Metal Products
671100	Transport Equipment
671200	Computer Hardware and Electronic Equipment
671300	Communication Equipment
671400	Instrumentation
671500	Machinery and Equipment
671600	Other Manufactured Products
671700	Prevention and Treatment of Pollution

Exclusions: R&D directed towards
(a) testing the performance, durability and life cycle of manufactured building materials delivered on construction sites is included in Subdivision 680000 Construction; and
(b) environmental health factors in manufacturing is included in Subdivision 730000 Health, Group 730200 Public Health.

GROUP 670100 PROCESSED FOOD PRODUCTS AND BEVERAGES

This group covers R&D directed towards the manufacture of processed plant and animal food products, such as meat, fruit, vegetable and dairy products, fish, oils and fats, grain, bakery and grain mill products, sugar, alcoholic beverages and soft drinks.

This group has nine classes:

670101 Carcass meat
670102 Meat products
670103 Fish products
670104 Fruit and vegetable products (incl. fruit juices)
670105 Dairy products
670106 Oils and fats (incl. margarines)
670107 Grain mill products, starch and starch products (incl. sugar, bakery products)
670108 Beverages (e.g. alcohol, wines, soft drinks, excl. fruit juices)
670199 Processed food products and beverages not elsewhere classified

Exclusions: R&D directed towards 'clean production' to minimise emissions to the environment from manufacturing processes or towards protection of the production site is included in Group 671700 Prevention and Treatment of Pollution.

GROUP 670200 FIBRE PROCESSING AND TEXTILES; FOOTWEAR AND LEATHER PRODUCTS

This group covers R&D directed towards processing natural or synthetic fibres and the manufacture of fabrics, clothing, ropes and twines, floor coverings and other made-up textile products.

This group includes R&D directed towards leather tanning and fur dressing, the manufacture of footwear, processed skins, leather and leather products not classified elsewhere.

This group has nine classes:

670201 Cotton ginning
670202 Wool scouring and top making
670203 Natural yarns and fabrics
670204 Synthetic fibres, yarns and fabrics
670205 Other fibre processing and textiles
670206 Processed skins, leather and leather products not elsewhere classified
670207 Clothing
670208 Footwear
670299 Other

Exclusions: R&D directed towards 'clean production' to minimise emissions to the environment from manufacturing processes or towards protection of the production site is included in Group 671700 Prevention and Treatment of Pollution.

GROUP 670300 WOOD, WOOD PRODUCTS AND PAPER

This group covers R&D directed towards processing hardwood and softwood, log sawmilling, wood chipping, timber dressing and the manufacture of wood products such as wooden structural fittings, plywood and veneer and particle boards of wood.

This group includes R&D directed towards the manufacture of pulp, paper and paper products and towards printing and publishing (except printing and publishing newspapers).

This group has nine classes:

670301   Hardwood sawing and veneer
670302   Softwood sawing and veneer
670303   Pulp and paper
670304   Reconstituted products (e.g. chipboard, particle board)
670305   Woodchips
670306   Wood products not elsewhere classified
670307   Paper products
670308   Printing and publishing processes
670399   Other

Exclusions: R&D directed towards the
(a)   harvest and transportation of logs and forest products is included in Group 620300 Forestry;
(b)   prefabrication of wooden buildings and the manufacture of wooden furniture is included in Group 671600 Other Manufactured Products;
(c)   'clean production' to minimise emissions to the environment from manufacturing processes or towards protection of the production site is included in Group 671700 Prevention and Treatment of Pollution; and
(d)   printing and publishing of newspapers is included in Group 700300 Communication Services.

GROUP 670400 HUMAN PHARMACEUTICAL PRODUCTS

This group covers R&D directed towards the manufacture of pharmaceutical products for use in the prevention, diagnosis and treatment of human diseases.

This group has four classes:

670401   Prevention—biologicals (e.g. vaccines)
670402   Diagnostics
670403   Treatments (e.g. chemicals, antibiotics)
670499   Other

Exclusions: R&D directed towards 'clean production' to minimise emissions to the environment from manufacturing processes or towards protection of the production site is included in Group 671700 Prevention and Treatment of Pollution.

GROUP 670500 VETERINARY PHARMACEUTICAL PRODUCTS

This group covers R&D directed towards the manufacture of pharmaceutical products for use in the prevention, diagnosis and treatment of veterinary diseases.

This group has four classes:

670501   Prevention—biologicals (e.g. vaccines)
670502   Diagnostics
670503   Treatments (e.g. chemicals, antibiotics)
670599   Other (incl. production enhancement)

Exclusions: R&D directed towards
(a)   the manufacture of insecticides for sheep or cattle is included in Group 670600 Agricultural Chemicals; and
(b)   'clean production' to minimise emissions to the environment from manufacturing processes or towards protection of the production site is included in Group 671700 Prevention and Treatment of Pollution.

GROUP 670600 AGRICULTURAL CHEMICALS

This group covers R&D directed towards the manufacture of chemical fertilisers, pesticides, insecticides, weedicides and fungicides.

This group has three classes:

670601   Chemical fertilisers
670602   Crop and animal protection chemicals
670699   Agricultural chemicals not elsewhere classified

Exclusions: R&D directed towards 'clean production' to minimise emissions to the environment from manufacturing processes or towards protection of the production site is included in Group 671700 Prevention and Treatment of Pollution.

GROUP 670700 INDUSTRIAL CHEMICALS AND RELATED PRODUCTS

This group covers R&D directed towards the manufacture of industrial gases, synthetic resins and synthetic rubber, rubber and plastic products, organic and inorganic industrial chemicals, inks, paints, explosive, soaps and other detergents, cosmetics and other toiletry products.

It includes R&D directed towards petroleum refining, manufacture of bituminous products and lubricants.

This group has twelve classes:

670701 Industrial gases
670702 Synthetic resins and rubber
670703 Rubber products
670704 Plastics in primary forms
670705 Plastic products (incl. construction materials)
670706 Organic industrial chemicals not elsewhere classified
670707 Inorganic industrial chemicals
670708 Paints
670709 Soaps and cosmetics
670710 Bituminous products
670711 Lubricants
670799 Other

Exclusions: R&D directed towards the manufacture of
(a) human pharmaceutical products is included in Group 670400 Human Pharmaceutical Products;
(b) veterinary pharmaceutical products is included in Group 670500 Veterinary Pharmaceutical Products;
(c) agricultural chemicals is included in Group 670600 Agricultural Chemicals; and
(d) 'clean production' to minimise emissions to the environment from manufacturing processes or towards protection of the production site is included in Group 671700 Prevention and Treatment of Pollution.

GROUP 670800 BASIC METAL PRODUCTS (INCL. SMELTING)

This group covers R&D directed towards the manufacture of ferrous and non-ferrous basic metal products, copper, lead, silver, zinc and other base metals, aluminium and precious metals.

It includes R&D directed towards smelting.

This group has four classes:

670801 Iron and steel (e.g. ingots, bars, rods, shapes, sections)
670802 Aluminium
670803 Precious metals (e.g. refined bullion, wire and strip)
670899 Other non-ferrous metals (e.g. copper, zinc)

Exclusions: R&D directed towards
(a) alumina production and beneficiation of aluminium ores is included in Group 640300 First Stage Treatment of Ores and Minerals; and
(b) 'clean production' to minimise emissions to the environment from manufacturing processes or towards protection of the production site is included in Group 671700 Prevention and Treatment of Pollution.

GROUP 670900 CERAMICS, GLASS AND INDUSTRIAL MINERAL PRODUCTS

This group covers R&D directed towards the manufacture of ceramics, glass and glass products and industrial mineral products, including clay, cement and concrete products.

It includes R&D directed towards the manufacture of plaster and non-metallic mineral products.

This group has five classes:

670901 Ceramics
670902 Structural glass and glass products
670903 Clay products
670904 Cement and concrete products
670999 Ceramics, glass and industrial mineral products not elsewhere classified

Exclusions: R&D directed towards
(a) 'clean production' to minimise emissions to the environment from manufacturing processes or towards protection of the production site is included in Group 671700 Prevention and Treatment of Pollution; and
(b) testing the performance and durability of building materials is included in Group 680300 Materials Performance and Processes.

GROUP 671000 FABRICATED METAL PRODUCTS

This group covers R&D directed towards the manufacture of structural and sheet metal products, castings, machined and semi-finished fabricated metal products. Examples of these products are structural steel, architectural aluminium and metal products, metal containers, sheet metal products including hand tools, general hardware, springs, nuts, rivets and non-ferrous pipe fittings.

This group has six classes:

671001 Structural metal products
671002 Sheet metal products
671003 Semi-finished products
671004 Castings
671005 Machined products
671099 Fabricated metal products not elsewhere classified

Exclusions: R&D directed towards
(a) the prefabrication of metal buildings and manufacture of sheet metal furniture is included in Group 671600 Other Manufactured Products; and
(b) 'clean production' to minimise emissions to the environment from manufacturing processes or towards protection of the production site is included in Group 671700 Prevention and Treatment of Pollution.

GROUP 671100 TRANSPORT EQUIPMENT

This group covers R&D directed towards the manufacture of motor vehicles, railway rolling stock, aeroplanes, ships, boats and other transport equipment not elsewhere classified.

It includes R&D directed towards the manufacture of components and repair of transport equipment included in this classification.

This group has five classes:

671101   Automotive equipment
671102   Rail equipment
671103   Nautical equipment
671104   Aerospace equipment
671199   Transport equipment not elsewhere classified

Exclusions: R&D directed towards 'clean production' to minimise emissions to the environment from manufacturing processes or towards protection of the production site is included in Group 671700 Prevention and Treatment of Pollution.

GROUP 671200 COMPUTER HARDWARE AND ELECTRONIC EQUIPMENT

This group covers R&D directed towards the manufacture of computer hardware and electronic equipment used for offices, computing and integrated systems and computer peripherals.

It includes R&D directed towards the manufacture of business machines such as photocopiers, typewriters or calculators.

This group has seven classes:

671201   Integrated circuits and devices
671202   Modules—special and attached processors
671203   Modules—other processes
671204   Electronic office equipment
671205   Computer equipment
671206   Integrated systems
671299   Computer hardware and electronic equipment not elsewhere classified

Exclusions: R&D directed towards
(a)   'clean production' to minimise emissions to the environment from manufacturing processes or towards protection of the production site is included in Group 671700 Prevention and Treatment of Pollution; and
(b)   developing computer software and the provision of programming services is included in Group 700100 Computer Software and Services.

GROUP 671300 COMMUNICATION EQUIPMENT

This group covers R&D directed towards the manufacture of communication equipment, including that used for broadcasting, electronic data, voice or image transmission, network transmission and switching equipment.

This group has seven classes:

671301   Broadcasting equipment
671302   Postal equipment
671303   Voice equipment
671304   Data, image and text equipment
671305   Network transmission equipment
671306   Network switching equipment
671399   Communication equipment not elsewhere classified

Exclusions: R&D directed towards 'clean production' to minimise emissions to the environment from manufacturing processes or towards protection of the production site is included in Group 671700 Prevention and Treatment of Pollution.

GROUP 671400 INSTRUMENTATION

This group covers R&D directed towards the manufacture of scientific, medical and industrial instrumentation, photographic equipment and other instrumentation.

This group has five classes:

671401   Scientific instrumentation
671402   Medical instrumentation
671403   Industrial instrumentation
671404   Photographic equipment
671499   Instrumentation not elsewhere classified

Exclusions: R&D directed towards 'clean production' to minimise emissions to the environment from manufacturing processes or towards protection of the production site is included in Group 671700 Prevention and Treatment of Pollution.

GROUP 671500 MACHINERY AND EQUIPMENT

This group covers R&D directed towards the manufacture of machinery and equipment and towards the manufacture of household appliances and other electrical equipment not classified elsewhere.

This group has six classes:

671501   Agricultural machinery and equipment
671502   Mining machinery and equipment
671503   Appliances and electrical machinery and equipment
671504   Industrial machinery and equipment
671505   Construction machinery and equipment
671599   Machinery and equipment not elsewhere classified

Exclusions: R&D directed towards 'clean production' to minimise emissions to the environment from manufacturing processes or towards protection of the production site is included in Group 671700 Prevention and Treatment of Pollution.

GROUP 671600 OTHER MANUFACTURED PRODUCTS

This group covers R&D directed towards the manufacture of tobacco products, furniture, prefabricated buildings and other products not classified elsewhere.

This group has four classes:

671601 Tobacco products
671602 Furniture
671603 Prefabricated buildings
671699 Manufactured products not elsewhere classified

Exclusions: R&D directed towards 'clean production' to minimise emissions to the environment from manufacturing processes or towards protection of the production site is included in Group 671700 Prevention and Treatment of Pollution.

GROUP 671700 PREVENTION AND TREATMENT OF POLLUTION

This group covers R&D directed towards 'clean production' to minimise emissions to the environment from manufacturing processes or towards protection of the production site.

This group has sixteen classes:

671701 Processed food products and beverages
671702 Fibre processing and textiles; footwear and
             leather products
671703 Wood, wood products and paper
671704 Human pharmaceutical products
671705 Veterinary pharmaceutical products
671706 Agricultural chemicals
671707 Industrial chemicals and related products
671708 Basic metal products (incl. smelting)
671709 Ceramics, glass and industrial mineral products
671710 Fabricated metal products
671711 Transport equipment
671712 Computer hardware and electronic equipment
671713 Communication equipment
671714 Instrumentation
671715 Machinery and equipment
671716 Other manufactured products

DIVISION 2 ECONOMIC DEVELOPMENT *continued*

SUBDIVISION 680000 CONSTRUCTION

This subdivision covers R&D directed towards construction. It includes R&D directed towards improving the use and performance of building materials, the processes for which they are used and the functions of engineering, planning, design, management and building services in the construction industry.

This subdivision includes R&D directed towards testing on construction sites the performance, durability and life cycle of materials used in the construction industry; the planning component of the construction up to the stage of developing sketch plans; design component, specifically turning sketch plans into working drawings and specifications; the development and supply of components and materials which are assembled and placed on site to form buildings, but manufactured off-site; and the design, supply and installation of building services.

It includes R&D directed towards 'clean production' to minimise emissions to the environment from construction or towards protection of the production site.

R&D directed towards safety in construction projects is also included in this subdivision.

This subdivision has six groups:

680100	Planning
680200	Design
680300	Materials Performance and Processes
680400	Construction Processes
680500	Building Management and Services
680600	Prevention and Treatment of Pollution

Exclusions: R&D directed towards the
(a) manufacture of materials used in construction is included in the appropriate groups in Subdivision 670000 Manufacturing; and
(b) environmental health considerations in construction is included in Subdivision 730000 Health, Group 730200 Public Health.

GROUP 680100 PLANNING

This group covers R&D directed towards improving the activities associated with the development of construction projects to the sketch plan stage, including urban planning, environmental impact studies, investigation of alternatives, market surveys, information gathering and assessment, geotechnical considerations, conceptual architectural design and project funding.

This group has five classes:

680101	Housing
680102	Commercial
680103	Civil
680104	Industrial
680199	Other

GROUP 680200 DESIGN

This group covers R&D directed towards improving the associated activities which turn a project sketch plan into detailed architectural and engineering designs and specifications and towards the development of building regulations and design codes.

R&D directed towards quantity surveying is also included in this group.

This group has five classes:

680201	Housing
680202	Commercial
680203	Civil
680204	Industrial
680299	Other

GROUP 680300 MATERIALS PERFORMANCE AND PROCESSES

This group covers R&D directed towards testing the performance, durability and life cycle of components and materials which are delivered or assembled on construction sites. The testing of performance, durability or life cycle of building materials on existing buildings is also included in this group. Examples of building materials on which testing is carried out are steel elements and assemblies, concrete, reinforcing bars, precast concrete elements, bricks, blocks, plasterboard, roof tiles, timber and plastic and aluminium components, such as windows, frames and piping.

This group has six classes:

680301	Stone, ceramics and clay materials
680302	Cement and concrete materials
680303	Polymeric materials (e.g. paints)
680304	Timber materials
680305	Metals (composites, coatings, bonding, etc.)
680399	Other

GROUP 680400 CONSTRUCTION PROCESSES

This group covers R&D directed towards improving the associated processes or activities which translate plans and specifications into a finished building.

This group includes R&D directed towards the tendering process, contractual matters, construction management, quality assurance, the actual construction and towards the health and safety aspects in construction.

This group has five classes:

680401 Housing
680402 Commercial
680403 Civil
680404 Industrial
680499 Other

Exclusions: R&D directed towards 'clean production' to minimise emissions to the environment from construction processes or towards protection of the production site is included in Group 680600 Prevention and Treatment of Pollution.

GROUP 680500 BUILDING MANAGEMENT AND SERVICES

This group covers R&D directed towards the design and installation of building services such as lifts, air-conditioning, plumbing, electrical services, communication networks, security and fire alarm systems. R&D directed towards the maintenance or servicing of these services is also included in this group.

This group includes R&D directed towards site demolition, building refurbishment and other construction trade services (e.g. concreting, tiling) not elsewhere classified.

This group has five classes:

680501 Housing
680502 Commercial
680503 Civil
680504 Industrial
680599 Other

GROUP 680600 PREVENTION AND TREATMENT OF POLLUTION

This group covers R&D directed towards 'clean production' to minimise emissions to the environment from construction or towards protection of the production site.

This group has five classes:

680601 Planning
680602 Design
680603 Materials performance and processes
680604 Construction processes
680605 Building management and services

SUBDIVISION 690000 TRANSPORT

This subdivision covers R&D directed towards improving the efficiency and safety of transport systems for moving freight, passengers or livestock by ground, water, air or any combinations of these (e.g. sea–air transport) or by any other means.

This subdivision includes R&D directed towards oceanic currents and processes that impinge on sea safety or navigation.

It includes R&D directed towards minimising emissions to the environment from transport.

This subdivision has five groups:

690100   Ground Transport
690200   Water Transport
690300   Air Transport
690400   Other Transport
690500   Prevention and Treatment of Pollution

Exclusions: R&D directed towards
(a)   the transportation of plants and primary plant products, livestock and primary livestock products is included in Subdivision 620000 Plant Production and Plant Primary Products and Subdivision 630000 Animal Production and Animal Primary Products respectively; and
(b)   transport systems as an integral part of urban planning is included in Subdivision 680000 Construction.

GROUP 690100 GROUND TRANSPORT

This group covers R&D directed towards road passenger or freight transport, long or short distance bus transport (incl. tramway), railway transport, taxi and other road transport.

This group includes R&D directed towards services to ground transport such as parking services, toll bridge, weighbridge, container terminals and punt operations and towards improving road safety.

This group has four classes:

690101   Road safety
690102   Other road transport
690103   Rail transport
690199   Ground transport not elsewhere classified

Exclusions: R&D directed towards minimising emissions to the environment from ground transport is included in Group 690500 Prevention and Treatment of Pollution.

GROUP 690200 WATER TRANSPORT

This group covers R&D directed towards international, coastal or inland water transport.

This group includes R&D directed towards services to water transport such as stevedoring, water terminals, ports and other services to water transport and towards oceanic currents and processes in so far as they impinge on sea safety or navigation.

This group has three classes:

690201   International sea transport
690202   Coastal water transport
690203   Inland water transport

Exclusions: R&D directed towards minimising emissions to the environment from water transport is included in Group 690500 Prevention and Treatment of Pollution.

GROUP 690300 AIR TRANSPORT

This group covers R&D directed towards international and domestic air transport for passenger, freight and livestock.

It includes R&D directed towards other non-scheduled air and space transport.

This group has two classes:

690301   Air transport
690302   Space transport

Exclusions: R&D directed towards minimising emissions to the environment from air transport is included in Group 690500 Prevention and Treatment of Pollution.

GROUP 690400 OTHER TRANSPORT

This group covers R&D directed towards multi-modal transport and intermodal materials handling.

R&D directed towards pipeline transport and other transport not elsewhere classified is also included in this group.

This group has three classes:

690401   Multimodal transport
690402   Intermodal materials handling
690499   Transport not elsewhere classified

Exclusions: R&D directed towards minimising emissions to the environment from other transport is included in Group 690500 Prevention and Treatment of Pollution.

GROUP 690500 PREVENTION AND TREATMENT OF POLLUTION

This group covers R&D directed towards minimising emissions to the environment from transport.

This group has four classes:

690501   Ground transport
690502   Water transport
690503   Air transport
690504   Other transport

DIVISION 2 ECONOMIC DEVELOPMENT *continued*

SUBDIVISION 700000 INFORMATION AND COMMUNICATION SERVICES

This subdivision covers R&D directed towards the support and provision of information and communication services (incl. telecommunication services), computer programming or software services, library and library database services, presentations of educational displays for museums, art galleries or other such institutions.

This subdivision includes R&D directed towards printing and publishing newspapers and the provision, processing, presentation or dissemination of information not classified elsewhere.

It includes R&D directed towards the prevention and treatment of pollution by information and communication services.

This subdivision has four groups:

700100   Computer Software and Services
700200   Other Information Services
700300   Communication Services
700400   Prevention and Treatment of Pollution

Exclusions: R&D directed towards the
(a)   development or manufacture of computer hardware or electronic equipment (incl. assembly of components) is included in Subdivision 670000 Manufacturing, Group 671200 Computer Hardware and Electronic Equipment; and
(b)   development or manufacture of communication equipment (incl. assembly of components) is included in Subdivision 670000 Manufacturing, Group 671300 Communication Equipment.

GROUP 700100 COMPUTER SOFTWARE AND SERVICES

This group covers R&D directed towards the provision of computer programming or software services which has general purpose application.

This group includes R&D directed towards programming or development of computer software, including application packages, application tools, systems utilities or information processing services.

This group has four classes:

700101   Application packages
700102   Application tools and system utilities
700103   Information processing services
700199   Computer software and services not elsewhere classified

Exclusions: R&D directed towards computer programming or software services which is specific to other socio-economic objectives is included in other appropriate groups, e.g. television programming is included in Group 700300 Communication Services.

GROUP 700200 OTHER INFORMATION SERVICES

This group covers R&D directed towards the provision of other information services not elsewhere classified.

It includes R&D directed towards libraries, library data bases and information processing and the presentation of information (incl. displays) in libraries, museums and art galleries, educational centres and similar facilities and other information services not elsewhere classified.

This group has two classes:

700201   Library and related information services
700299   Information services not elsewhere classified

Exclusions: R&D directed towards news or media related information services is included in Group 700300 Communication Services.

GROUP 700300 COMMUNICATION SERVICES

This group covers R&D directed towards telecommunications, postal and courier services, television and radio broadcasting, media services, newspaper publishing and other news dissemination.

This group has four classes:

700301   Broadcasting
700302   Telecommunications
700303   Postal communications
700399   Communication services not elsewhere classified

Exclusions: R&D directed towards printing or publishing books and other periodicals (except newspapers) is included in Group 670300 Wood, Wood Products and Paper.

GROUP 700400 PREVENTION AND TREATMENT OF POLLUTION

This group covers R&D directed towards the prevention and treatment of pollution by information and communication services.

This group has the one class:

700401   Prevention and treatment of pollution

DIVISION 2 ECONOMIC DEVELOPMENT *continued*

SUBDIVISION 710000 COMMERCIAL SERVICES AND TOURISM

This subdivision covers R&D directed towards the provision of commercial services to all areas of economic and social development.

This subdivision includes R&D directed towards the provision of electricity and gas services to consumers, provision of water, sewerage and drainage services; management and recycling of wastes or waste products as a discrete process or as a service to consumers; wholesale and retail trade services, finance, property and business services; tourism; recreational and personal services and other commercial services not elsewhere classified.

It includes R&D directed towards 'clean production' to minimise emissions to the environment from commercial services or tourism or towards protection of the production site.

This subdivision has seven groups:

710100   Electricity, Gas and Water Services and Utilities
710200   Waste Management and Recycling
710300   Wholesale and Retail Trade
710400   Finance, Property and Business Services
710500   Tourism
710600   Other Commercial Services
710700   Prevention and Treatment of Pollution

Exclusions: R&D directed towards the
(a)   transformation of energy into electricity and gas and conservation or efficient use of energy is included in Subdivision 660000 Energy Supply; and
(b)   management or recycling of industrial wastes as an integral process within an industry to prevent impacts of economic development on the environment is included in the appropriate groups within the Defence, Economic Development and Society Divisions.

GROUP 710100 ELECTRICITY, GAS AND WATER SERVICES AND UTILITIES

This group covers R&D directed towards the provision of electricity, gas and water services and utilities to industrial and commercial premises and households.

This group includes R&D directed towards the following:

- provision of electricity supply to users as consumers (incl. provision of customer and advisory services);
- repair and maintenance of electricity transmission and power facilities;
- provision of gas supply to users as consumers (incl. provision of customer and advisory services);
- repair and maintenance of gas mains;
- provision of gas supplies to consumers in bottle or bulk (wholesale or retail);
- provision of water services and utilities, stormwater drainage and sewerage treatment concerned with water supply;
- storage, purification or distribution of water;
- repair and maintenance of water related facilities services; and
- operation of irrigation systems.

This group has three classes:

710101 Electricity services and utilities
710102 Gas services and utilities
710103 Water services and utilities

Exclusions: R&D directed towards the
(a)   manufacture of gases is included in Group 660100 Energy Transformation;
(b)   transmission of electricity and distribution of manufactured gas i.e. transportation through a system of mains, including pipelines operated on own account is included in Group 660300 Energy Storage and Distribution;
(c)   construction of new electricity transmission or power facilities, new gas pipelines, dams, water mains and pumping stations is included in Group 680400 Construction Processes; and
(d)   'clean production' to minimise emissions to the environment from electricity, gas and water services and utilities or towards protection of the production site is included in Group 710700 Prevention and Treatment of Pollution.

DIVISION 2 ECONOMIC DEVELOPMENT *continued*

GROUP 710200 WASTE MANAGEMENT AND RECYCLING

This group covers R&D directed towards management and recycling wastes or waste products considered as a discrete process or as a service to consumers.

R&D directed towards managing sewerage wastes, sewerage treatment (other than concerned with water supply) or towards handling and processing wastes (incl. toxic waste) and scrap is included in this group.

This group has three classes:

710201 Waste management
710202 Recycling
710299 Other

Exclusions: R&D directed towards
(a) the industrial processing of wastes and scrap to manufacture new products is included in the appropriate groups in Subdivision 670000 Manufacturing;
(b) sewerage treatment concerned with water supply is included in Group 710100 Electricity, Gas and Water Services and Utilities;
(c) 'clean production' to minimise emissions to the environment from waste management and recycling or towards protection of the production site is included in Group 710700 Prevention and Treatment of Pollution; and
(d) waste management or recycling as an integral process within an industry to prevent impacts of economic development on the environment is included in the relevant groups in the Defence, Economic Development and Society Divisions.

GROUP 710300 WHOLESALE AND RETAIL TRADE

This group covers R&D directed towards wholesale and retail trade services.

It includes R&D directed towards direct marketing.

This group has two classes:

710301 Wholesale trade
710302 Retail trade

Exclusions: R&D directed towards wholesaling or retailing gas supplies to consumers in bottles or in bulk is included in Group 710100 Electricity, Gas and Water Services and Utilities.

GROUP 710400 FINANCE, PROPERTY AND BUSINESS SERVICES

This group covers R&D directed towards the development and provision of the following services:

- finance and investment services including banks, building societies, credit unions, money market dealing, and other services to finance;

- insurance including life insurance, superannuation funds, health and general insurance and services to insurance;

- property services including real estate agents, property operators and developers; and

- other business services including legal and accounting services, advertising, graphic design, market research, business consultancy, secretarial services and plant leasing and hiring.

This group has three classes:

710401 Finance and investment services
710402 Insurance services
710403 Property and business services

GROUP 710500 TOURISM

This group covers R&D directed towards tourism services.

This group has four classes:

710501 Economic issues
710502 Socio-cultural issues
710503 Tourism infrastructure development
710599 Tourism not elsewhere classified

DIVISION 2 ECONOMIC DEVELOPMENT *continued*

GROUP 710600 OTHER COMMERCIAL SERVICES

This group covers R&D directed towards the development and provision of commercial services not elsewhere classified.

It includes R&D directed towards the following:

- recreational services mainly of a commercial nature (e.g. casinos);
- hospitality services (e.g. motels, taverns, restaurants);
- the provision of commercial security services (incl. alarm and surveillance services);
- other commercial services such as video hire outlets, hiring of personal and household goods, laundries and dry cleaners, photography services, funeral parlours, crematoria and cemeteries; and
- other business services not classified elsewhere.

This group has four classes:

710601 Recreational services
710602 Hospitality services
710603 Commercial security services
710699 Commercial services not elsewhere classified

Exclusions: R&D directed towards

(a) security services or surveillance systems for military purposes is included in Group 610100 Defence; and for corrective purposes is included in Group 750500 Justice and the Law;
(b) museums and art galleries is included in Group 700200 Other Information Services; and
(c) music and theatre production, sport and services to sport activities (incl. sporting clubs) and recreational and amusement services mainly of a non-commercial nature (e.g. parks, botanical gardens) is included in Group 750200 Arts and Leisure.

GROUP 710700 PREVENTION AND TREATMENT OF POLLUTION

This group covers R&D directed towards 'clean production' to minimise emissions to the environment from commercial services and tourism or towards protection of the production site.

This group has six classes:

710701 Electricity, gas and water services and utilities
710702 Waste management and recycling
710703 Wholesale and retail trade
710704 Finance, property and business services
710705 Tourism
710706 Other commercial services

DIVISION 2 ECONOMIC DEVELOPMENT *continued*

SUBDIVISION 720000 ECONOMIC FRAMEWORK

This subdivision covers R&D directed towards the understanding of the economic framework of development or the application of economic theory to assist development.

This subdivision includes R&D directed towards understanding macroeconomic, microeconomic, international trade, management and productivity issues.

It also includes R&D directed towards developing measurement standards and calibrations services which make a contribution to economic framework.

This subdivision has six groups:

720100   Macroeconomic Issues
720200   Microeconomic Issues
720300   International Trade Issues
720400   Management and Productivity Issues
720500   Measurement Standards and Calibration Services
729900   Other Economic Issues

GROUP 720100 MACROECONOMIC ISSUES

This group covers R&D directed towards the understanding of economic relations at the macroeconomic level, including fiscal policy, monetary policy, exchange rates, balance of payments, income policy, taxation and other macroeconomic issues.

This group has seven classes:

720101   Fiscal policy
720102   Monetary policy
720103   Exchange rates
720104   Balance of payments
720105   Income policy
720106   Taxation
720199   Macroeconomic issues not elsewhere classified

GROUP 720200 MICROECONOMIC ISSUES

This group covers R&D directed towards understanding economic relations at the microeconomic level, including effects on taxation, consumption, industrial organisations, industry policy, industry cost and structure and other microeconomic issues.

This group has six classes:

720201   Microeconomic effects of taxation
720202   Consumption
720203   Industrial organisations
720204   Industry policy
720205   Industry costs and structure
720299   Microeconomic issues not elsewhere classified

GROUP 720300 INTERNATIONAL TRADE ISSUES

This group covers R&D directed towards understanding issues relating to international trade, including trade policy, assistance and protection and international agreements on trade.

This group has four classes:

720301   Trade policy
720302   Assistance and protection
720303   International agreements on trade
720399   International trade issues not elsewhere classified

GROUP 720400 MANAGEMENT AND PRODUCTIVITY ISSUES

This group covers R&D directed towards management and productivity issues.

It includes R&D directed towards marketing and industrial relations.

This group has five classes:

720401   Marketing
720402   Industrial relations
720403   Management
720404   Productivity
720499   Management and productivity issues not elsewhere classified

GROUP 720500 MEASUREMENT STANDARDS AND CALIBRATION SERVICES

This group covers R&D directed towards the development and provision of measurement and calibration standards or services for defence, manufacturing and the service industries.

This group has four classes:

720501   Defence standards and calibrations
720502   Manufacturing standards and calibrations
720503   Service industries standards and calibrations
720599   Measurement standards and calibration services not elsewhere classified

Exclusions: R&D directed towards the manufacture of scientific equipment or other instrumentation is included in Group 671400 Instrumentation.

GROUP 729900 OTHER ECONOMIC ISSUES

This group covers R&D directed towards understanding other economic issues in the economic framework or towards a contribution to economic framework not elsewhere classified.

This group has two classes:

729901   Technological and organisational innovation
729999   Economic issues not elsewhere classified

DIVISION 3 SOCIETY

This division covers R&D directed towards individual and community well-being or towards general social development.

It includes R&D directed towards the improvement and protection of human health, including clinical treatment, development and provision of public health and health support services.

It includes R&D directed towards the provision of education and training.

This division also includes R&D directed towards social development and community services, including work, arts and leisure, justice and the law, government and politics and the provision of welfare and other public services (other than those concerned with economic development).

It also includes R&D directed towards international relations, heritage, communication, religion and the understanding of past societies and ethical issues relating to social development.

This division has three subdivisions:

730000	Health
740000	Education and Training
750000	Social Development and Community Services

Exclusions: R&D directed towards
(a) health and safety issues associated with industrial activities is included in Division 2 Economic Development, e.g. safety in construction industry, is included in Subdivision 680000 Construction; and
(b) the resolution of social and health issues in economic development, e.g. industrial relations and working conditions, is included in Subdivision 720000 Economic Framework, Group 720400 Management and Productivity Issues.

SUBDIVISION 730000 HEALTH

This subdivision covers R&D directed towards human health, including the understanding and treatment of clinical diseases and conditions and the provision of public health and associated support services.

This subdivision has three groups:

730100	Clinical (Organs, Diseases and Abnormal Conditions)
730200	Public Health
730300	Health and Support Services

GROUP 730100 CLINICAL (ORGANS, DISEASES AND ABNORMAL CONDITIONS)

This group covers R&D directed towards the clinical aspects of health and medicine.

It includes R&D directed towards organ diseases or abnormal conditions and mainly aimed at gaining understanding of causes, effects and treatment of specific conditions.

This group has nineteen classes:

730101 Infectious diseases
730102 Immune system and allergy
730103 Blood and disorders
730104 Nervous system and disorders
730105 Endocrine organs and diseases (incl. diabetes)
730106 Cardiovascular system and diseases
730107 Inherited diseases (incl. gene therapy)
730108 Cancer and related disorders
730109 Surgical methods and procedures

730110 Respiratory system and diseases (incl. asthma)
730111 Hearing, vision, speech and their disorders
730112 Oro-dental and disorders
730113 Digestive system and disorders
730114 Skeletal system and disorders (incl. arthritis)
730115 Urogenital system and disorders
730116 Reproductive system and disorders
730117 Skin and related disorders
730118 Organs, diseases and abnormal conditions not elsewhere classified
730199 Clinical health not specific to particular organs, diseases and conditions

Exclusions: R&D directed towards preventive medicine and life-style impact on health, the effect of social conditions (e.g. poverty) on the community health, and the social aspects of health (e.g. food safety, nutrition) is included in Group 730200 Public Health.

GROUP 730200 PUBLIC HEALTH

This group covers R&D directed towards community health or the health of discrete community groups, e.g. aged persons. The primary focus of R&D in this group is on the social and community aspects of health and medicine.

It includes R&D directed towards community support for particular conditions or for discrete groups as they relate to health and medical conditions.

This group also includes R&D directed towards preventive medicine, environmental health (e.g. health factors in constructing an airport) and other broad aspects of public health.

This group has twenty one classes:

730201 Women's health
730202 Men's health
730203 Health related to ageing
730204 Child health
730205 Substance abuse
730206 Aboriginal and Torres Strait Islander health
730207 Health related to specific ethnic groups
730208 Occupational health (excl. economic development aspects)
730209 Rural health
730210 Environmental health
730211 Mental health
730212 Disease distribution and transmission
730213 Preventive medicine
730214 Dental health
730215 Nutrition
730216 Food safety
730217 Health status (e.g. indicators of "well-being")
730218 Social structure and health
730219 Behaviour and health
730220 Injury control
730299 Public health not elsewhere classified

Exclusions: R&D directed towards
(a) understanding the causes, effects and treatment of specific clinical conditions is included in Group 730100 Clinical (Organs, Diseases and Abnormal Conditions); and
(b) the evaluation of health care programs and policies is included in Group 730300 Health and Support Services.

GROUP 730300 HEALTH AND SUPPORT SERVICES

This group covers R&D directed towards community support (incl. community health education and training) in health and medicine. The primary focus of R&D in this group is on the promotion of health education and the evaluation of health programs.

This group includes R&D directed towards health care infrastructure support.

This group has nine classes:

730301 Health education and promotion
730302 Nursing
730303 Occupational, speech and physiotherapy
730304 Palliative care
730305 Diagnostic methods
730306 Evaluation of health outcomes
730307 Health policy evaluation
730308 Health policy economic outcomes
730399 Health and support services not elsewhere classified

Exclusions: R&D directed towards
(a) understanding the causes, effects and the treatment of specific clinical conditions is included in Group 730100 Clinical (Organs, Diseases and Conditions); and
(b) health as it pertains to the general community or discrete groups (e.g. aged persons) is included in Group 730200 Public Health.

DIVISION 3 SOCIETY *continued*

SUBDIVISION 740000 EDUCATION AND TRAINING

This subdivision covers R&D directed towards general education and training.

This subdivision has six groups:

740100	Early Childhood and Primary Education
740200	Secondary Education
740300	Higher Education
740400	Vocational Education and Training
740500	Special Education
749900	Other Education

Exclusions: R&D directed towards public health education is included in Group 730300 Health and Support Services.

GROUP 740100 EARLY CHILDHOOD AND PRIMARY EDUCATION

This group covers R&D directed towards early childhood and primary school education.

This group has two classes:

740101 Early childhood education
740102 Primary education

GROUP 740200 SECONDARY EDUCATION

This group covers R&D directed towards high school or secondary education.

It has the one class:

740201 Secondary education

GROUP 740300 HIGHER EDUCATION

This group covers R&D directed towards tertiary or post-secondary education.

It has the one class:

740301 Higher education

Exclusions: R&D directed towards
(a) TAFE colleges operation is included in Group 740400 Vocational Education and Training; and
(b) the provision of continuing education is included in Group 749900 Other Education.

GROUP 740400 VOCATIONAL EDUCATION AND TRAINING

This group covers R&D directed towards vocational education and training, including technical education and TAFE colleges operation.

It has the one class:

740401 Vocational education and training

GROUP 740500 SPECIAL EDUCATION

This group covers R&D directed towards special education for the handicapped or disadvantaged children or persons within the public or private school systems or in the workforce.

This group also includes R&D directed towards the education and training of gifted children.

It has the one class:

740501 Special education

GROUP 749900 OTHER EDUCATION

This group covers R&D directed towards the other areas of education and training, including occupational training, continuing education, Aboriginal and Torres Strait Islander education, education across cultures, gender aspects of education, education policy and other education issues not elsewhere classified.

This group has seven classes:

749901 Occupational training
749902 Continuing education
749903 Aboriginal and Torres Strait Islander education
749904 Education across cultures
749905 Gender aspects of education
749906 Education policy
749999 Education and training not elsewhere classified

Exclusions: R&D directed towards TAFE colleges operation is included in Group 740400 Vocational Education and Training.

DIVISION 3 SOCIETY *continued*

SUBDIVISION 750000 SOCIAL DEVELOPMENT AND COMMUNITY SERVICES

This subdivision covers R&D directed towards community and social services (incl. welfare) to individuals or community groups (e.g. disabled, unemployed) and towards social justice and general equity.

This subdivision includes R&D directed towards arts and leisure, justice and the law, government and politics, international relations, heritage, communication, religion and the understanding of past societies and ethical issues relating to social development.

This subdivision has eleven groups:

750100   Work
750200   Arts and Leisure
750300   Community Service (Excl. Work)
750400   Religion and Ethics
750500   Justice and the Law
750600   Government and Politics
750700   International Relations
750800   Heritage
750900   Understanding Past Societies
751000   Communication
759900   Other Social Development and Community Services

Exclusions: R&D directed towards
(a)   recreational services mainly of a commercial nature (e.g. casino, cinema) is included in Subdivision 710000 Commercial Services and Tourism, Class 710601 Recreational services; and
(b)   the provision of community health services and their associated support services is included in the appropriate groups in Subdivision 730000 Health.

GROUP 750100 WORK

This group covers R&D directed towards aspects of work, such as employment, work patterns, the professions and preserving institutional and organisational histories.

This group has five classes:

750101 Employment
750102 Changing work patterns
750103 The professions and professionalisation
750104 Preserving institutional and organisational histories
750199 Work not elsewhere classified

Exclusions: R&D directed towards

(a)   industrial relations is included in Group 720400 Management and Productivity Issues, Class 720402 Industrial relations; and
(b)   occupational health is included in Group 730200 Public Health, Class 730208 Occupational health (excl. economic development aspects).

GROUP 750200 ARTS AND LEISURE

This group covers R&D directed towards the arts and related cultural activities.

It includes R&D directed towards:

- sport and physical endeavour or other recreation activities not elsewhere classified;
- visual arts, painting, sculpture, dance, drama, the performing arts and music;
- music and theatre production, sound recording and the provision of services to the arts;
- the operation of race tracks, sport grounds and facilities and the provision of services to sport (incl. sporting clubs); and
- the operation of parks, botanical and zoological gardens.

This group has five classes:

750201 The performing arts (incl. music, theatre and dance)
750202 The creative arts
750203 Organised sport
750204 Recreation
750299 Arts and leisure not elsewhere classified

Exclusions: R&D directed towards
(a)   museums and art galleries is included in Group 700200 Other Information Services;
(b)   cinemas or motion picture exhibition is included in Group 710600 Other Commercial Services, Class 710601 Recreational Services; and
(c)   motion picture (incl. video) production and distribution is included in Group 710600 Other Commercial Services, Class 710699 Commercial Services not elsewhere classified.

DIVISION 3 SOCIETY *continued*

GROUP 750300 COMMUNITY SERVICE (EXCL. WORK)

This group covers R&D directed towards the provision or delivery of community and welfare services to individuals or to defined community groups such as the disabled, aged persons and single parents.

This group has thirteen classes:

750301 The distribution of wealth
750302 Class
750303 Gender
750304 The aged
750305 Ability and disability
750306 Ethnicity and multiculturalism
750307 Families
750308 National identity
750309 Aboriginal and Torres Strait Islander
       development and welfare
750310 Carers development and welfare (i.e. carers for
       the aged, disabled)
750311 Migrant development and welfare
750312 Youth/child development and welfare
750399 Community service not elsewhere classified

Exclusions: R&D directed towards community health education is included in Group 730300 Health and Support Services.

GROUP 750400 RELIGION AND ETHICS
This group covers R&D directed towards the understanding and analyses of religion and ethical issues of concern to social, scientific or technological development, the application of ethical or moral theory to such issues and the development of codes of behaviour or standards of practice for businesses, professions and trades.

It includes R&D in bioethics or biomedical ethics and environmental ethics.

This group has seven classes:

750401 Religion and society
750402 Religious structures and rituals
750403 Bioethics
750404 Social ethics
750405 Environmental ethics
750406 Business ethics
750499 Religion and ethics not elsewhere classified

Exclusions: R&D directed towards ethics, moral theory or theories of no immediate value to social, scientific or technological development is included in Subdivision 780000 Non-Oriented Research, Class 780199 Other.

GROUP 750500 JUSTICE AND THE LAW

This group covers R&D directed towards justice and the law.

It includes R&D in land ownership, consumer affairs, legal processes, law enforcement and correctional services.

This group has six classes:

750501 Ownership of the land
750502 Consumer affairs
750503 Understanding legal processes
750504 Law enforcement
750505 Correctional services
750599 Justice and the law not elsewhere classified

GROUP 750600 GOVERNMENT AND POLITICS

This group covers R&D directed towards the understanding and analyses of government and politics.

It includes R&D directed towards the understanding of electoral systems, civics and citizenship and public services management.

This group has six classes:

750601 Understanding political systems
750602 Understanding electoral systems
750603 Federalism in Australia
750604 Civics and citizenship
750605 Public services management
750699 Government and politics not elsewhere
       classified

GROUP 750700 INTERNATIONAL RELATIONS

This group covers R&D directed towards improving international relations.

This group has five classes:

750701 Understanding international relations
750702 Understanding other countries
750703 International organisations
750704 International aid
750799 International relations not elsewhere classified

Exclusions: R&D directed towards

(a) international trade or international economic relations is included in Group 720300 International Trade Issues; and
(b) international environmental protection issues is included in the appropriate groups in Subdivision 760000 Environmental Policy Frameworks and Other Aspects.

DIVISION 3 SOCIETY *continued*

GROUP 750800 HERITAGE

This group covers R&D directed towards heritage issues, such as preservation and urban and regional planning.

This group has six classes:

750801 Preserving the built environment
750802 Preserving movable cultural heritage
750803 Urban planning
750804 Regional planning
750805 Aboriginal and Torres Strait Islander heritage
750899 Heritage not elsewhere classified

GROUP 750900 UNDERSTANDING PAST SOCIETIES

This group covers R&D directed towards the understanding of past societies.

This group has two classes:

750901 Understanding Australia's past
750902 Understanding the pasts of other societies

GROUP 751000 COMMUNICATION

This group covers R&D directed towards improving communication.

This group has seven classes:

751001 Languages and literature
751002 Languages and literacy
751003 Visual communication
751004 The media
751005 Communication across languages and culture
751006 Managing collections
751099 Communication not elsewhere classified

GROUP 759900 OTHER SOCIAL DEVELOPMENT AND COMMUNITY SERVICES

This group covers R&D directed towards social development and community services which are not elsewhere classified.

It has the one class:

759999 Other social development and community services

DIVISION 4 ENVIRONMENT

This division covers R&D directed towards assessing and sustaining the quality of the environment and its natural resources. The *environment* for purposes of this classification refers to 'all surroundings of human beings, whether affecting human beings as individuals or in social groupings'. Source: *Environmental Protection (Impact of Proposals) Act 1975*.

This division includes R&D directed towards the study of the environment (both of pristine and degraded or altered states) conducted in the context of developing management strategies to sustain the quality of environmental attributes. It also includes studies of the environmental impact of socio-economic activities as well as R&D for the development of social and economic environmental policies.

This division has two subdivisions:

760000   Environmental Policy Frameworks and Other Aspects
770000   Environmental Management

Exclusions: R&D directed towards
(a)   the provision of services to improve individual and community health is included in Division 3 Society, Group 730200 Public Health, Class 730210 Environmental health;
(b)   social environment is included in Subdivision 750000 Social Development and Community Services; and
(c)   'clean production' to minimise emissions to the environment from industrial processes or towards protection of the production site (e.g. sustainability of agricultural production systems) is included in the relevant Subdivisions and Groups of the Defence, Economic Development and Society Divisions.

SUBDIVISION 760000 ENVIRONMENTAL POLICY FRAMEWORKS AND OTHER ASPECTS

This subdivision covers R&D directed towards the development of social and economic environmental policies. This subdivision also covers R&D directed towards environmental aspects which are not elsewhere classified.

This subdivision has three groups:

760100   Environmental Policy, Legislation and Standards
760200   Environmental and Resource Evaluation
769900   Other Environmental Aspects

Exclusions: R&D directed towards
(a)   the provision of services to improve individual and community health is included in Division 3 Society, Group 730200 Public Health, Class 730210 Environmental health;
(b)   social environment is included in Subdivision 750000 Social Development and Community Services; and
(c)   environmental management is included in Subdivision 770000 Environmental Management.

GROUP 760100 ENVIRONMENTAL POLICY, LEGISLATION AND STANDARDS

This group covers R&D directed towards the development of environmental policy, legislation and standards.

This group has five classes:

760101 Global climate change adaptation measures
760102 Trade and environment
760103 Consumption patterns, population issues and the environment
760104 Environmental education and awareness
760199 Environmental policy, legislation and standards not elsewhere classified

Exclusions: R&D directed towards
(a)   the provision of services to improve individual and community health is included in Division 3 Society, Group 730200 Public Health, Class 730210 Environmental health; and
(b)   social environment is included in Subdivision 750000 Social Development and Community Services.

GROUP 760200 ENVIRONMENTAL AND RESOURCE EVALUATION

This group covers R&D directed towards environmental and resource evaluation.

This group has four classes:

760201 Institutional arrangements
760202 Economic incentives and regulation
760203 Rights to environmental and natural resources
760299 Environmental and resource evaluation not elsewhere classified

GROUP 769900 OTHER ENVIRONMENTAL ASPECTS

This group covers R&D directed towards environmental aspects which are not elsewhere classified.

It has the one class:

769999 Other environmental aspects

Exclusions: R&D directed towards environmental management is included in Subdivision 770000 Environmental Management.

DIVISION 4 ENVIRONMENT *continued*

SUBDIVISION 770000 ENVIRONMENTAL MANAGEMENT

This subdivision covers R&D directed towards the study of the environment (both of pristine and degraded or altered states) conducted in the context of developing management strategies to sustain the quality of environmental attributes. It also includes studies of the environmental impact of socio-economic activities.

This subdivision has twelve groups:

770100	Climate and Weather
770200	Atmosphere (Excl. Climate and Weather)
770300	Marine Environment
770400	Coastal and Estuarine Environment
770500	Urban and Industrial Environment
770600	High Country (Incl. Mountains)
770700	Forest and Wooded Lands
770800	Farmland (Incl. Arable Land and Permanent Crop Land)
770900	Sparseland (Incl. Permanent Grassland and the Arid Zone)
771000	Mining Environments
771100	Antarctic and Sub-Antarctic Areas
779900	Other (Incl. Islands)

Exclusions: R&D directed towards 'clean production' to minimise emissions to the environment from industrial processes or towards protection of the production site (e.g. sustainability of agricultural production systems) is included in the relevant Subdivisions and Groups of the Defence, Economic Development and Society Divisions.

GROUP 770100 CLIMATE AND WEATHER

This group covers R&D directed towards the expansion of knowledge and understanding of the climate and the weather. Climate for the purpose of this classification refers to a long term average condition of the weather in a given area.

This group has four classes:

770101 Climate change
770102 Climate variability
770103 Weather
770199 Other

Exclusions: R&D directed towards 'clean production' to minimise emissions to the environment from industrial processes is included in the relevant Subdivisions and Groups of the Defence, Economic Development and Society Divisions.

GROUP 770200 ATMOSPHERE (EXCL. CLIMATE AND WEATHER)

This group covers R&D directed towards the expansion of knowledge and understanding of the atmosphere, including understanding the changes in the upper atmosphere (stratosphere—between 10 and 59 km altitude), ozone concentrations and their effects.

This group has two classes:

770201 Atmospheric composition
770202 Atmospheric processes

Exclusions: R&D directed towards 'clean production' to minimise emissions to the environment from industrial processes is included in the relevant Subdivisions and Groups of the Defence, Economic Development and Society Divisions.

GROUP 770300 MARINE ENVIRONMENT

This group covers R&D directed towards the expansion of knowledge and understanding of the marine environment.

This group has eight classes:

770301 Air quality
770302 Living resources (incl. impacts of fishing on non-target species)
770303 Control of pests and exotic species
770304 Physical and chemical conditions
770305 Oceanic processes (excl. climate related)
770306 Integrated (ecosystem) assessment and management
770307 Marine protected areas
770399 Other

Exclusions: R&D directed towards
(a) understanding of oceanic currents, etc. for naval safety or navigation is included in Group 690200 Water Transport; and
(b) 'clean production' to minimise emissions to the environment from industrial processes is included in the relevant Subdivisions and Groups of the Defence, Economic Development and Society Divisions.

DIVISION 4 ENVIRONMENT *continued*

GROUP 770400 COASTAL AND ESTUARINE ENVIRONMENT

This group covers R&D directed towards enhancing knowledge, awareness and understanding of the coastal and estuarine environment. Coastal refers to an area within 150 km of the coastline.

This group has ten classes:

770401 Air quality
770402 Land and water management
770403 Living resources (flora and fauna)
770404 Control of pests and exotic species
770405 Physical and chemical conditions
770406 Integrated (ecosystem) assessment and management
770407 Remnant vegetation and protected conservation areas (both terrestrial and marine)
770408 Rehabilitation of degraded coastal and estuarine areas
770409 Estuarine and lagoon areas
770499 Other

Exclusions: R&D directed towards
(a) understanding of oceanic currents, etc. for naval safety or navigation is included in Group 690200 Water Transport; and
(b) 'clean production' to minimise emissions to the environment from industrial processes is included in the relevant Subdivisions and Groups of the Defence, Economic Development and Society Divisions.

GROUP 770500 URBAN AND INDUSTRIAL ENVIRONMENT

This group covers R&D directed towards enhancing knowledge, awareness and understanding of the urban and industrial environment. Urban refers to areas where most Australians live, i.e. 92% of people live within 14% of the land area of Australia at an average population density of 13 people/km^2.

This group has eight classes:

770501 Air quality
770502 Land and water management
770503 Living resources (flora and fauna)
770504 Control of pests and exotic species
770505 Integrated (ecosystem) assessment and management
770506 Remnant vegetation and protected conservation areas
770507 Industrial/degraded areas
770599 Other

Exclusions: R&D directed towards 'clean production' to minimise emissions to the environment from industrial processes is included in the relevant Subdivisions and Groups of the Defence, Economic Development and Society Divisions.

GROUP 770600 HIGH COUNTRY (INCL. MOUNTAINS)

This group covers R&D directed towards enhancing knowledge, awareness and understanding of the environment of the high country (incl. mountains). For purposes of this classification, high country (incl. mountains) refers to the area, including the Great Dividing Range and the Great Escarpment, which are above 1000 metres in altitude.

This group has eight classes:

770601 Air quality
770602 Land and water management
770603 Living resources (flora and fauna)
770604 Control of pests and exotic species
770605 Integrated (ecosystem) assessment and management
770606 Remnant vegetation and protected conservation areas
770607 Rehabilitation of degraded high country
770699 Other

Exclusions: R&D directed towards 'clean production' to minimise emissions to the environment from industrial processes is included in the relevant Subdivisions and Groups of the Defence, Economic Development and Society Divisions.

GROUP 770700 FOREST AND WOODED LANDS

This group covers R&D directed towards enhancing knowledge, awareness and understanding of the environment of forest and wooded lands. Forest land refers to an area of trees which has a foliage projective cover in the tallest stratum of more than 30% or a crown cover of more than 20% of the area and not used primarily for purposes other than forestry. It includes public and private forest, forest in national parks, forest roads and streams, forest nurseries, plantations primarily used for forestry purposes and areas of windbreaks and shelterbelts sufficiently large to be managed as forest. It excludes isolated groups of trees and city parks and gardens. Wooded land refers to an area of trees and/or shrubs which has a foliage projective cover in the tallest stratum of between 10% to 30% or a crown cover of between 10% to 20% of the area.

This group has eight classes:

770701 Air quality
770702 Land and water management
770703 Living resources (flora and fauna)
770704 Control of pests and exotic species
770705 Integrated (ecosystem) assessment and management
770706 Remnant vegetation and protected conservation areas
770707 Rehabilitation/reafforestation
770799 Other

Exclusions: R&D directed towards 'clean production' to minimise emissions to the environment from industrial processes is included in the relevant Subdivisions and Groups of the Defence, Economic Development and Society Divisions.

DIVISION 4 ENVIRONMENT *continued*

GROUP 770800 FARMLAND (INCL. ARABLE LAND AND PERMANENT CROP LAND)

This group covers R&D directed towards enhancing knowledge, awareness and understanding of the environment of farmland (incl. arable land and permanent crop land). Farmland refers to (a) arable land which is land under crops such as cereals, root crops, industrial crops (e.g. cotton, tobacco, oilseeds), vegetables, flowers and ornamental plants; and (b) permanent cropland which is land under orchards, vineyards, olives, etc. Source: *OECD Environment Data Compendium (1991)*.

This group has eight classes:

770801   Air quality
770802   Land and water management
770803   Living resources (flora and fauna)
770804   Control of pests and exotic species
770805   Integrated (ecosystem) assessment and management
770806   Remnant vegetation and protected conservation areas
770807   Rehabilitation of degraded farmland
770899   Other

Exclusions: R&D directed towards 'clean production' to minimise emissions to the environment from industrial processes is included in the relevant Subdivisions and Groups of the Defence, Economic Development and Society Divisions.

GROUP 770900 SPARSELAND (INCL. PERMANENT GRASSLAND AND THE ARID ZONE)

This group covers R&D directed towards enhancing knowledge, awareness and understanding of the environment of sparseland (incl. permanent grassland and the arid zone). Sparseland refers to areas with a population density of less than 1000 people per 8000 km^2. It includes the arid zone (which receives less than 250 mm of rain a year in the south and 350 mm in the north) as well as the permanent grasslands or rangelands where sheep or cattle graze on native vegetation. Source: *D. Cocks (1992) Use with Care, U&NSW Press*.

This group has eight classes:

770901   Air quality
770902   Land and water management
770903   Living resources (flora and fauna)
770904   Control of pests and exotic species
770905   Integrated (ecosystem) assessment and management
770906   Remnant vegetation and protected conservation areas
770907   Rehabilitation of degraded sparseland
770999   Other

Exclusions: R&D directed towards 'clean production' to minimise emissions to the environment from industrial processes is included in the relevant Subdivisions and Groups of the Defence, Economic Development and Society Divisions.

GROUP 771000 MINING ENVIRONMENTS

This group covers R&D directed towards enhancing knowledge, awareness and understanding of mining environments. Mining environments are areas where mining is occurring.

This group has eight classes:

771001   Air quality
771002   Land and water management
771003   Living resources (flora and fauna)
771004   Control of pests and exotic species
771005   Integrated (ecosystem) assessment and management
771006   Remnant vegetation and protected conservation areas
771007   Rehabilitation of degraded mining lands
771099   Other

Exclusions: R&D directed towards 'clean production' to minimise emissions to the environment from industrial processes is included in the relevant Subdivisions and Groups of the Defence, Economic Development and Society Divisions.

GROUP 771100 ANTARCTIC AND SUB-ANTARCTIC AREAS

This group covers R&D directed towards enhancing knowledge, awareness and understanding of the environment of antarctic and sub-antarctic areas. Antarctic (incl. subantarctic) refers to areas south of latitude 50°S, namely Antarctica, Heard Island, Macdonald Island and Macquarie Island.

This group has six classes:

771101   Air quality
771102   Land and water management
771103   Living resources (flora and fauna)
771104   Control of pests and exotic species
771105   Integrated (ecosystem) assessment and management
771199   Other

Exclusions: R&D directed towards 'clean production' to minimise emissions to the environment from industrial processes is included in the relevant Subdivisions and Groups of the Defence, Economic Development and Society Divisions.

GROUP 779900 OTHER (INCL. ISLANDS)

This group covers R&D directed towards enhancing knowledge, awareness and understanding of the environment of other areas not elsewhere classified.

This group has eight classes:

779901   Air quality
779902   Land and water management
779903   Living resources (flora and fauna)
779904   Control of pests and exotic species
779905   Integrated (ecosystem) assessment and management
779906   Remnant vegetation and protected conservation areas
779907   Rehabilitation of degraded areas
779999   Other

Exclusions: R&D directed towards 'clean production' to minimise emissions to the environment from industrial processes is included in the relevant Subdivisions and Groups of the Defence, Economic Development and Society Divisions.

DIVISION 5 NON-ORIENTED RESEARCH

SUBDIVISION 780000 NON-ORIENTED RESEARCH

GROUP 780100 NON-ORIENTED RESEARCH

This division covers R&D which contributes to the general advancement of knowledge. This division should only be used when no specific purpose under any of the other divisions can be identified.

This division can only include R&D which is 'pure basic research'; i.e. R&D efforts which are undertaken to acquire new knowledge without any specific application or looking for long term benefits other than the advancement of knowledge.

Group 780100 Non-Oriented Research has nine classes:

780101	Mathematical sciences
780102	Physical sciences
780103	Chemical sciences
780104	Earth sciences
780105	Biological sciences
780106	Political science and public policy
780107	Studies in human society
780108	Behavioural and cognitive sciences
780199	Other

CONCORDANCES

INTRODUCTION

The following concordances align the classifications contained in the first (1993) edition of the ASRC with those contained in this edition.

The Field of Research (FOR) classification is matched with the Research Fields, Courses and Disciplines (RFCD) classification, while the 1993 and 1998 versions of the Socio-Economic Objective (SEO) classifications are matched.

The Type of Activity (TOA) classification did not change.

The concordances have been prepared at a broad level.

They are formatted by placing the structure of the reference classification on the left and the categories which align with the reference category on the right.

A 'p' after a code indicates that only part of the category matches the reference category.

CONCORDANCE

FOR	**RFCD**

(p = partial match)

SUBDIVISION 010000 MATHEMATICAL SCIENCES

010100   PURE MATHEMATICS

010101	Mathematical Logic, Set Theory, Number Theory, Group Theory	230101	Mathematical Logic, Set Theory, Lattices and Combinatorics
		230102	Number Theory, Field Theory
		230105	Group Theory and Generalisations (incl. Topological Groups and Lie Groups)
010102	Algebraic Structures	230103	Rings and Algebras
		230104	Category Theory, K Theory, Homological Algebra
010103	Approximation Theory, Fourier Analysis, Harmonic Analysis, Potential Theory	230108	Harmonic and Fourier Analysis
		230115	Approximation Theory
010104	Functional Theory, Operator Theory	230106	Real and Complex Functions
		230109	Functional Analysis
		230114	Functions of Several Complex Variables
		230117	Operations Research
010105	Geometry, Topology	230111	Geometry
		230112	Topology and Manifolds
010199	Pure Mathematics n.e.c.	230199 *p*	Mathematics not elsewhere classified

010200   APPLIED MATHEMATICS

010201	Numerical Analysis, Theory of Computation, Analysis of Algorithms	230116	Numerical Analysis
		230199 *p*	Mathematics not elsewhere classified
010202	Differential Equations, Integral Equations	230107	Differential, Difference and Integral Equations
010203	Optimisation, Control Theory	230110	Calculus of Variations and Control Theory
		230118	Optimisation
010204	Classical Mechanics, Fluids, Optics, Electromagnetism	230199 *p*	Mathematics not elsewhere classified
010299	Applied Mathematics n.e.c.	230113	Dynamical Systems
		230119	Systems Theory and Control
		230199 *p*	Mathematics not elsewhere classified

010300   STATISTICS

010301	Probability Theory	230201	Probability Theory
010302	Stochastic Modelling and Analysis	230202	Stochastic Analysis and Modelling
010303	Statistical Theory	230203	Statistical Theory
010304	Applied Statistics	230204	Applied Statistics
010399	Statistics n.e.c.	230299	Statistics not elsewhere classified

019900   OTHER MATHEMATICAL SCIENCES

019901	Biomathematics	239901	Biological Mathematics
019999	Mathematical Sciences n.e.c.	239902	Actuarial Mathematics
		239903	Risk Theory
		239904	Theory of Graduation
		239999	Mathematical Sciences not elsewhere classified

(p = partial match)

SUBDIVISION 020000 PHYSICAL SCIENCES

020100	ASTRONOMICAL SCIENCES		
020101	Astronomy and Astrophysics	240101	Astronomy and Astrophysics
020102	Cosmic Ray Physics	240102	Cosmic Ray Physics
020199	Astronomical Sciences n.e.c.	240199	Astronomical Sciences not elsewhere classified
020200	THEORETICAL AND CONDENSED MATTER PHYSICS		
020201	Theoretical Physics	240201	Theoretical Physics
020202	Condensed Matter Physics	240202	Condensed Matter Physics—Structural Properties
		240203	Condensed Matter Physics—Electronic and Magnetic Properties; Superconductivity
		240204	Condensed Matter Physics—Other
020300	ATOMIC, MOLECULAR, NUCLEAR, PARTICLE AND PLASMA PHYSICS		
020301	Atomic and Molecular Physics	240301	Atomic and Molecular Physics
020302	Fluids, Plasmas and Electrical Discharges	240303	Plasmas and Electrical Discharges
		240502	Fluid Physics
020303	Nuclear and Particle Physics	240302	Nuclear and Particle Physics
020399	Atomic, Molecular, etc. Physics n.e.c.	240304	Other Plasma Physics
020400	ACOUSTIC AND OPTICAL PHYSICS		
020401	Acoustics and Opto acoustical Physics	240501 *p*	Acoustics and Acoustical Devices; Waves
020402	Optical and Opto electrical Physics	240401	Optics and Opto-electronic Physics
020403	Quantum Optics	240402	Quantum Optics and Lasers
020499	Acoustic and Optical Physics n.e.c.	240499	Optical Physics not elsewhere classified
		240501 *p*	Acoustics and Acoustical Devices; Waves
029900	OTHER PHYSICAL SCIENCES		
029901	Biophysics	249901	Biophysics
029902	Medical Physics	249902	Medical Physics
029903	Instruments and Techniques	249903	Instruments and Techniques
029999	Physical Sciences n.e.c.	240503	Thermodynamics and Statistical Physics
		240504	Electrostatics and Electrodynamics
		240599	Classical Physics not elsewhere classified
		249999	Physical Sciences not elsewhere classified

SUBDIVISION 030000 CHEMICAL SCIENCES

030100	PHYSICAL CHEMISTRY (INCL. THEORETICAL AND STRUCTURAL)		
030101	Chemical Thermodynamics and Energetics	250101	Chemical Thermodynamics and Energetics
030102	Chemistry of Catalysis	250102	Chemistry of Catalysis
030103	Polymer Chemistry	250501	Synthesis of Macromolecules
		250502	Physical Chemistry of Macromolecules
		250503	Characterisation of Macromolecules
		250504	Polymerisation of Mechanisms
		250599	Macromolecular Chemistry not elsewhere classified
030104	Colloid and Surface Chemistry	250103	Colloid and Surface Chemistry
030105	Chemical Spectroscopy	250104	Chemical Spectroscopy
030106	Structural Chemistry	250105	Structural Chemistry
030107	Mechanisms of Reactions	250106	Mechanisms of Reactions
030108	Theoretical Chemistry	250601	Quantum Chemistry
		250602	Statistical Mechanics
		250603	Reaction Kinetics and Dynamics
		250604	Radiation and Matter
		250605	Theory of Materials
		250606	Macromolecular Design
		250699	Theoretical and Computational Chemistry not elsewhere classified
030109	Electrochemistry	250107	Electrochemistry
030199	Physical Chemistry n.e.c.	250199	Physical Chemistry not elsewhere classified
030200	INORGANIC CHEMISTRY		
030201	Transition Metal Chemistry	250201	Transition Metal Chemistry
030202	Main Group Chemistry	250202	Main Group Metal Chemistry
030203	Solid State Chemistry	250203	Solid State Chemistry
030204	Bioinorganic Chemistry	250204	Bioinorganic Chemistry
030299	Inorganic Chemistry n.e.c.	250205	Non-Metal Chemistry
		250206	f-Block Chemistry
		250299	Inorganic Chemistry not elsewhere classified
030300	ORGANIC CHEMISTRY		
030301	Organic Chemical Synthesis	250301	Organic Chemical Synthesis
030302	Biological and Medical Chemistry	250302	Biological and Medical Chemistry
030303	Physical Organic Chemistry	250303	Physical Organic Chemistry
030399	Organic Chemistry n.e.c.	250399	Organic Chemistry not elsewhere classified

030400   ANALYTICAL CHEMISTRY

030401	Instrumentational Methods	250401	Separation Science
		250402	Analytical Spectrometry
		250403	Electroanalytical Chemistry
		250404	Flow Analysis
		250405	Sensor (Chemical and Bio-) Technology
		250407	Other Instrumental Methods
030402	Chemical and Physical Methods	250408	Chemometrics
		250409	Quality Assurance, Traceability and Metrological Chemistry
		250499 *p*	Analytical Chemistry not elsewhere classified
030403	Immunological and Bioassay Methods	250406	Immunological and Bioassay Methods
030499	Analytical Chemistry n.e.c.	250499 *p*	Analytical Chemistry not elsewhere classified

039900   OTHER CHEMICAL SCIENCES

039901	Organometallic Chemistry	259901	Organometallic Chemistry
039902	Environmental Chemistry (incl. Atmospheric Chemistry)	259902	Environmental Chemistry (incl. Atmospheric Chemistry)
039903	Industrial Chemistry	259903	Industrial Chemistry
039999	Chemical Sciences n.e.c.	259904	Supramolecular Chemistry
		259999	Chemical Sciences not elsewhere classified

(p = partial match)

SUBDIVISION 040000 EARTH SCIENCES

040100	GEOLOGY		
040101	Mineralogy and Crystallography	260101	Mineralogy and Crystallography
040102	Igneous and Metamorphic Petrology	260102	Igneous and Metamorphic Petrology
040103	Vulcanology	260103	Vulcanology
040104	Sedimentology	260104	Sedimentology
040105	Petroleum Geology	260105	Petroleum Geology
040106	Ore Deposit Petrology	260106	Ore Deposit Petrology
040107	Structural Geology	260107	Structural Geology
040108	Geotectonics	260108	Geotectonics
040109	Geochronology	260109	Geochronology
040110	Biostratigraphy	260110	Biostratigraphy
040111	Palaeontology	260112	Palaeontology
040112	Palynology	260113	Palynology
040113	Geomorphology	260114	Geomorphology
040114	Glaciology	260115	Glaciology
040199	Geology n.e.c.	260111 *p*	Other Stratigraphy (incl. Sequence Stratigraphy)
		260199	Geology not elsewhere classified

040200	GEOPHYSICS		
040201	Gravity	260201	Gravity
040202	Geomagnetism	260202	Geomagnetism
040203	Electromagnetism	260203	Electromagnetism
040204	Petrophysics	260204	Petrophysics
040205	Explosion Seismology and Stratigraphy	260111 *p*	Other Stratigraphy (incl. Sequence Stratigraphy)
		260205	Explosion Seismology
040206	Earthquake Seismology	260206	Earthquake Seismology
040207	Radiometrics	260207	Radiometrics
040299	Geophysics n.e.c.	260299	Geophysics not elsewhere classified

040300	GEOCHEMISTRY		
040301	Geochronology and Isotope Geochemistry	260301	Trace Element and Isotope Geochemistry
040302	Exploration Geochemistry	260302	Exploration Geochemistry
040303	Organic Geochemistry n.e.c.	260303	Organic Geochemistry not elsewhere classified
040304	Inorganic Geochemistry n.e.c.	260304	Inorganic Geochemistry not elsewhere classified
040399	Geochemistry n.e.c.	260399	Geochemistry not elsewhere classified

040400	OCEANOGRAPHY			
040401	Biological Oceanography	260401	Biological Oceanography
040402	Chemical Oceanography	260402	Chemical Oceanography
040403	Physical Oceanography	260403	Physical Oceanography
040499	Oceanography n.e.c.	260499	Oceanography not elsewhere classified
040500	HYDROLOGY		
040501	Groundwater Hydrology	260501	Groundwater Hydrology
040502	Surfacewater Hydrology	260502	Surfacewater Hydrology
040599	Hydrology n.e.c.	260599	Hydrology not elsewhere classified
040600	ATMOSPHERIC SCIENCES		
040601	Meteorology	260601	Meteorology
040602	Climatology (incl. Palaeoclimatology)	260602	Climatology (incl. Palaeoclimatology)
040603	Ionospheric and Magnetospheric Physics	260603	Ionospheric and Magnetospheric Physics
040699	Atmospheric Sciences n.e.c.	260699	Atmospheric Sciences not elsewhere classified
049900	OTHER EARTH SCIENCES		
049901	Physical Geography	269901	Physical Geography
049902	Environmental Management and Rehabilitation	300801	Environmental Management and Rehabilitation
049999	Earth Sciences n.e.c.	269999	Earth Sciences not elsewhere classified
		300803	Natural Resource Management
		300804	Environmental Impact Assessment
		300805	Conservation
		300899	Environmental Sciences not elsewhere classified

SUBDIVISION 050000 INFORMATION, COMPUTER AND COMMUNICATION TECHNOLOGIES

050100	INFORMATION SYSTEMS AND TECHNOLOGIES		
050101	Computer Systems Organisation	280101	Information Systems Organisation
050102	Information Systems Management	280102	Information Systems Management
050103	Artificial Intelligence and Expert Systems	280201	Expert Systems
		280207	Pattern Recognition
		280208	Computer Vision
		280209	Intelligent Robotics
		280210	Simulation and Modelling
		280212	Neural Networks, Genetic Algorithms and Fuzzy Logic
		280213	Other Artificial Intelligence
050104	Parallel Processing and Architecture	281099 *p*	Information Systems not elsewhere classified
		291605	Processor Architectures
050105	Computer Graphics	280202	Computer Graphics
050106	Image Processing	280203	Image Processing
050107	Speech Recognition	280206	Speech Recognition
050108	Cognitive Science	380303	Computer Perception, Memory and Attention
050199	Information Systems and Technologies n.e.c.	280103	Information Storage, Retrieval and Management
		280105	Interfaces and Presentation (excl. Computer-Human Interaction)
		280106	Interorganisational Information Systems
		280107	Global Information Systems
		280108	Database Management
		280109	Decision Support and Group Support Systems
		280110	Systems Theory
		280111	Conceptual Modelling
		280112	Information Systems Development Methodologies
		280199 *p*	Information Systems not elsewhere classified
		280204	Signal Processing
		280205	Text Processing
		280501	Data Structures
		280502	Data Storage Representations
		280503	Files
		280504	Data Encryption
		280505	Data Security
		280506	Coding and Information Theory
		280599	Data Format not elsewhere classified
050200	COMPUTER HARDWARE		
050201	Arithmetic and Logic Structures	291601	Arithmetic and Logic Structures
050202	Memory Structures	291602	Memory Structures
050203	Input, Output and Data Communications	291603	Input, Output and Data Devices
050204	Logic Design	291604	Logic Design
050205	Integrated Circuits	290902	Integrated Circuits
050299	Computer Hardware n.e.c.	291699	Computer Hardware not elsewhere classified

050300	COMPUTER SOFTWARE			
050301	Programming Techniques	280301	Programming Techniques
050302	Software Engineering	280302	Software Engineering
050303	Computer Languages	280303	Programming Languages
050304	Operating Systems	280304	Operating Systems
050399	Computer Software n.e.c.	280305	Multimedia Programming
		280399	Computer Software not elsewhere classified

050400	COMMUNICATION TECHNOLOGIES		
050401	Antenna Technology	291701	Antenna Technology
050402	Optical and Photonic Systems	291702	Optical and Photonic Systems
050403	Digital Systems	291703	Digital Systems
050404	Radio Communications and Broadcasting n.e.c.	291710	Radio Communications and Broadcasting not elsewhere classified
050405	Microwave and Millimetrewave Technology	291705	Microwave and Millimetrewave Technology
050499	Communication Technologies n.e.c.	291704	Computer Communications Networks
		291706	Broadband Network Technology
		291707	Modem Technology
		291708	Baseband Technology
		291709	Satellite Communications
		291799	Communications Technologies not elsewhere classified

059900	OTHER INFORMATION, COMPUTER AND COMMUNICATION TECHNOLOGIES		
059901	Mathematics of Computing	280401	Analysis of Algorithms and Complexity
		280402	Mathematical Logic and Formal Languages
		280403	Logics and Meanings of Programs
		280404	Numerical Analysis
		280405	Discrete Mathematics
		280406	Mathematical Software
		280499	Computation Theory and Mathematics not elsewhere classified
059902	Computer-Human Interface	280104	Computer-Human Interaction
059903	Virtual Reality and Related Simulation	280211	Virtual Reality and Related Simulation
059999	Information, Computer and Communication Technologies n.e.c.	289999	Other Information, Computing and Communication Sciences

SUBDIVISION 060000 APPLIED SCIENCES AND TECHNOLOGIES

060100	AEROSPACE TECHNOLOGIES AND ENGINEERING		
060101	Avionics	290205 *p*	Flight Control Systems
		290206	Aerospace Electrical Systems
060102	Aeronautical Engineering	290201	Aerodynamics
		290202	Flight Dynamics
		290203	Aerospace Structures
		290204	Aircraft Performance
		290205 *p*	Flight Control Systems
		290299 *p*	Aerospace Engineering not elsewhere classified
060103	Remote Sensing	291003	Photogrammetry and Remote Sensing
060104	Satellite Technology	290207	Satellite, Space Vehicle and Missile Design
060199	Aerospace Technologies and Engineering n.e.c.	290299 *p*	Aerospace Engineering not elsewhere classified
060200	MANUFACTURING AND PROCESS TECHNOLOGIES AND ENGINEERING		
060201	Robotics and Mechatronics	290301	Robotics and Mechatronics
060202	Flexible Manufacturing Systems	290302	Flexible Manufacturing Systems
060203	CAD/CAM Systems	290303	CAD/CAM Systems
060204	Control Engineering	290304	Control Engineering
060205	Welding Sciences	290305	Welding Technology
060206	Textile Technology	290306	Textile Technology
060207	Membrane and Separation Technologies	290603	Membrane and Separation Technologies
060299	Manufacturing and Process Technologies and Engineering n.e.c.	290307	Printing Technology
		290308 *p*	Packaging, Storage and Transportation
		290309 *p*	Safety and Quality
		290399	Manufacturing Engineering not elsewhere classified
060300	INDUSTRIAL BIOTECHNOLOGY AND FOOD SCIENCES		
060301	Fermentation, Biotechnology and Industrial Microbiology	290101	Fermentation, Biotechnology and Industrial Microbiology
060302	Packaging, Storage and Transportation	290308 *p*	Packaging, Storage and Transportation
060303	Safety and Quality	290309 *p*	Safety and Quality
060304	Food Engineering	290102	Food Engineering
060305	Food Processing	290103	Food Processing
060399	Industrial Biotechnology and Food Sciences n.e.c.	290104	Other Food Sciences
		290105	Other Industrial Biotechnology

060400	MATERIAL SCIENCES AND TECHNOLOGIES		
060401	Pyrometallurgy	291301 *p*	Process Metallurgy
060402	Hydrometallurgy	291301 *p*	Process Metallurgy
060403	Extractive Metallurgy n.e.c.	291301 *p*	Process Metallurgy
060404	Physical Metallurgy	291302	Physical Metallurgy
060405	Ceramics	291404	Ceramics
060406	Polymer and Textile Compounds	291401	Polymers
060407	Composite Materials	291402	Composite Materials
060408	Alloy Materials	291403	Alloy Materials
060409	Optical Materials	291499 *p*	Materials Engineering not elsewhere classified
060410	Biomaterials	291503	Biomaterials
060411	Superconducting Materials	291499 *p*	Materials Engineering not elsewhere classified
060499	Material Sciences and Technologies n.e.c.	291405	Timber
		291406	Pulp and Paper
		291407	Plastics
		291499 *p*	Materials Engineering not elsewhere classified
069900	OTHER APPLIED SCIENCES AND TECHNOLOGIES		
069901	Building Science	310201	Building Science and Techniques
069902	Laser Technology	299999 *p*	Engineering and Technology not elsewhere classified
069903	Biosensor Technologies	299903	Biosensor Technologies
069999	Applied Sciences and Technologies n.e.c.	299999 *p*	Engineering and Technology not elsewhere classified
		310202	Building Construction Management
		310203	Building Construction Economics (incl. Quantity Surveying)
		310299	Building not elsewhere classified
		319999	Other Architecture, Urban Environment and Building

SUBDIVISION 070000 GENERAL ENGINEERING

070100	MECHANICAL AND INDUSTRIAL ENGINEERING			
070101	Mechanical Engineering	290401 *p*	Automotive Engineering
		290501	Mechanical Engineering
070102	Industrial Engineering	290401 *p*	Automotive Engineering
		290502	Industrial Engineering

070200	CHEMICAL ENGINEERING		
070201	Chemical Engineering Design	290601	Chemical Engineering Design
070202	Process Control and Simulation	290602	Process Control and Simulation
070203	Fluidization and Fluid Mechanics	291801	Fluidization and Fluid Mechanics
070204	Heat and Mass Transfer Operations	291802	Heat and Mass Transfer Operations
070299	Chemical Engineering n.e.c.	290699	Chemical Engineering not elsewhere classified

070300	MINING AND MINERAL PROCESSING		
070301	Mining Engineering	290701	Mining Engineering
070302	Mineral Processing	290702	Mineral Processing
070303	Petroleum and Reservoir Engineering	290703	Petroleum and Reservoir Engineering
070304	Geomechanics	290704	Geomechanics
070399	Mining and Mineral Processing n.e.c.	290799	Resources Engineering not elsewhere classified

070400	CIVIL ENGINEERING		
070401	Structural Engineering	290801	Structural Engineering
070402	Surveying	291002	Surveying
070403	Water and Sanitary Engineering	290802	Water and Sanitary Engineering
070404	Transport Engineering	290803	Transport Engineering
070405	Agricultural Engineering	299901	Agricultural Engineering
070499	Civil Engineering n.e.c.	290804	Construction Engineering
		290805	Geotechnical Engineering
		290899	Civil Engineering not elsewhere classified

070500	ELECTRICAL AND ELECTRONIC ENGINEERING		
070501	Electrical Engineering (General)	290901	Electrical Engineering
070502	Electronic Engineering	290903	Other Electronic Engineering

(p = partial match)

079900	OTHER GENERAL ENGINEERING
079901	Biomedical Engineering

291501	Clinical Engineering
291502	Rehabilitation Engineering
291504	Biomechanical engineering
291599	Biomedical Engineering not elsewhere classified

079902	Power Engineering

299999 *p*	Engineering and Technology not elsewhere classified

079903	Combustion and Fuel Engineering

299902	Combustion and Fuel Engineering

079999	General Engineering n.e.c.

291001	Geodesy
291004	Spatial Information Systems
291005	Navigation and Position Fixing
291006	Cartography
291099	Geomatic engineering not elsewhere classified
291101	Environmental Engineering Modelling
291102	Bio-remediation
291103	Environmental Engineering Design
291104	Environmental Technologies
291199	Environmental Engineering not elsewhere classified
291201	Naval Architecture
291202	Ship and Platform Hydrodynamics
291203	Ship and Platform Structures
291204	Marine Engineering
291205	Ocean Engineering
291206	Special Vehicles
291299	Maritime Engineering not elsewhere classified
291803	Turbulent Flows
291804	Nanotechnology
291899	Interdisciplinary Engineering not elsewhere classified
299904	Engineering/Technology Instrumentation
299999 *p*	Engineering and Technology not elsewhere classified

(p = partial match)

SUBDIVISION 080000 BIOLOGICAL SCIENCES

080100	BIOCHEMISTRY		
080101	Biochemistry of Nucleic Acids	270101 *p*	Analytical Biochemistry
080102	Biochemistry of Proteins and Peptides	270101 *p*	Analytical Biochemistry
		270103	Protein Targeting and Signal Transduction
		270108	Enzymes
080103	Biochemistry of Carbohydrates	270101 *p*	Analytical Biochemistry
080104	Biochemistry of Lipids	270101 *p*	Analytical Biochemistry
080105	Biosynthetic Pathways	270199 *p*	Biochemistry and Cell Biology not elsewhere classified
080199	Biochemistry n.e.c.	270199 *p*	Biochemistry and Cell Biology not elsewhere classified
080200	GENETICS, MOLECULAR BIOLOGY AND BIOTECHNOLOGY		
080201	Molecular Genetics	270201	Gene Expression
		270202	Genome Structure
		270205	Genetic Development (incl. Sex Determination)
		270206	Genetic Immunology
		270208	Molecular Evolution
080202	Cytogenetics	270299 *p*	Genetics not elsewhere classified
080203	Population Genetics	270203	Population and Ecological Genetics
080204	Genetic Engineering: Gene Probes	270805 *p*	Genetic Engineering and Enzyme Technology
080205	Genetic Engineering: Recombinant DNA Techniques	270805 *p*	Genetic Engineering and Enzyme Technology
080206	Genetic Engineering n.e.c.	270805 *p*	Genetic Engineering and Enzyme Technology
080207	Molecular Cell Biology	270102	Cell Metabolism
		270105	Cellular Interactions (incl. Adhesion, Matrix, Cell Wall)
		270106	Cell Development (incl. Cell Division and Apoptosis)
		270107	Cell Neurochemistry
080299	Genetics, Molecular Biology and Biotechnology n.e.c.	270204	Anthropological Genetics
		270207	Quantitative Genetics
		270209	Meiosis and Recombination
		270210	Neurogenetics
		270299 *p*	Genetics not elsewhere classified
		270801	Gene Therapy
		270802	Diagnostic Applications
		270803	Transgenesis
		270804	Genetic Technologies: Transformation, Site-directed Mutagenesis etc.
		270899	Biotechnology not elsewhere classified
080300	MICROBIOLOGY		
080301	Bacteriology	270301	Bacteriology
080302	Parasitology	270399 *p*	Microbiology not elsewhere classified
080303	Virology	270303	Virology
080399	Microbiology n.e.c.	270302	Archaebacteriology
		270304	Infectious Agents
		270306	Microbial Genetics
		270307	Microbial Ecology
		270308	Microbial Systematics, Taxonomy and Phylogeny
		270399 *p*	Microbiology not elsewhere classified

080400	BOTANY	
080401	Plant Taxonomy	270401 *p* Plant Systematics, Taxonomy and Phylogeny
080402	Plant Physiology	270402 Plant Physiology
080403	Mycology	270305 Mycology
080404	Plant Pathology	270403 Plant Pathology
080405	Phycology	270404 Phycology
080499	Botany n.e.c.	270401 *p* Plant Systematics, Taxonomy and Phylogeny
		270499 Botany not elsewhere classified
080500	ZOOLOGY	
080501	Animal Taxonomy	270501 *p* Animal Systematics, Taxonomy and Phylogeny
080502	Neurobiology	270502 Neurobiology
080503	Physiology	270601 Animal Physiology—Biophysics
		270602 Animal Physiology—Cell
		270603 Animal Physiology—Systems
		270699 Physiology not elsewhere classified
080504	Immunology	270599 *p* Zoology not elsewhere classified
080505	Anatomy and Histology	270503 Animal Anatomy and Histology
080506	Ethology	270599 *p* Zoology not elsewhere classified
080507	Entomology	270504 *p* Invertebrate Biology
080599	Zoology n.e.c.	270501 *p* Animal Systematics, Taxonomy and Phylogeny
		270504 *p* Invertebrate Biology
		270599 *p* Zoology not elsewhere classified
080600	ECOLOGY	
080601	Freshwater Ecology (excl. Limnology)	270701 *p* Freshwater Ecology
080602	Limnology	270701 *p* Freshwater Ecology
080603	Marine Ecology	270702 *p* Marine and Estuarine Ecology (incl. Marine Ichthyology)
080604	Terrestrial Ecology	270703 Terrestrial Ecology
080605	Palaeoecology	270705 Palaeoecology
080699	Ecology n.e.c.	270704 Landscape Ecology
		270707 Sociobiology and Behavioural Ecology
		270708 Conservation and Diversity
		270709 Biogeography
		270799 *p* Ecology and Evolution not elsewhere classified
089900	OTHER BIOLOGICAL SCIENCES	
089901	Evolutionary Biology	270706 Life Histories (incl. Population Ecology)
		270799 *p* Ecology and Evolution not elsewhere classified
089902	Cell Structure and Membrane Biology	270104 Membrane Biology
		270199 *p* Biochemistry and Cell Biology not elsewhere classified
089903	Marine Biology (incl. Marine Ichthyology)	270702 *p* Marine and Estuarine Ecology (incl. Marine Ichthyology)
089999	Biological Sciences n.e.c.	279901 Global Change Biology
		279999 Biological Sciences not elsewhere classified

SUBDIVISION 090000 AGRICULTURAL SCIENCES

090100	SOIL AND WATER SCIENCES		
090101	Soil Physics	300101	Soil Physics
090102	Soil Biology	300102	Soil Biology
090103	Soil Chemistry	300103	Soil Chemistry
090104	Soil and Land Degradation	300104	Land Capability and Soil Degradation
090105	Applied Hydrology (Drainage, Flooding, Irrigation, Quality, etc.)	300105	Applied Hydrology (Drainage, Flooding, Irrigation, Quality, etc.)
090199	Soil and Water Sciences n.e.c.	300199	Soil and Water Sciences not elsewhere classified
090200	CROP AND PASTURE PRODUCTION		
090201	Crop and Pasture Physiology	300201	Plant Biochemistry and Physiology
090202	Crop and Pasture Nutrition	300202	Plant Nutrition
090203	Crop and Pasture Pathology	300204 *p*	Plant Protection (Pests, Diseases and Weeds)
090204	Plant Breeding	300203	Plant Improvement (Selection, Breeding and Genetic Engineering)
090205	Plant Protection (Pests and Pathogens)	300204 *p*	Plant Protection (Pests, Diseases and Weeds)
090206	Agronomy	300205	Agronomy
090207	Post Harvest Technologies (Transportation and Storage)	300206	Post Harvest Technologies (Transportation and Storage)
090208	Weed Sciences	300204 *p*	Plant Protection (Pests, Diseases and Weeds)
090299	Crop and Pasture Production n.e.c.	300299	Crop and Pasture Production not elsewhere classified
090300	HORTICULTURE		
090301	Fruit Crops	300301 *p*	Plant Improvement (Selection, Breeding and Genetic Engineering)
		300302 *p*	Plant Growth and Development
		300303 *p*	Plant Protection (Pests, Diseases and Weeds)
		300304 *p*	Post Harvest Technologies
090302	Floriculture and Ornamental Horticulture	300301 *p*	Plant Improvement (Selection, Breeding and Genetic Engineering)
		300302 *p*	Plant Growth and Development
		300303 *p*	Plant Protection (Pests, Diseases and Weeds)
		300304 *p*	Post Harvest Technologies
090303	Oenology and Viticulture	300305	Oenology and Viticulture
090304	Vegetable Culture	300301 *p*	Plant Improvement (Selection, Breeding and Genetic Engineering)
		300302 *p*	Plant Growth and Development
		300303 *p*	Plant Protection (Pests, Diseases and Weeds)
		300304 *p*	Post Harvest Technologies
090399	Horticulture n.e.c.	300301 *p*	Plant Improvement (Selection, Breeding and Genetic Engineering)
		300302 *p*	Plant Growth and Development
		300303 *p*	Plant Protection (Pests, Diseases and Weeds)
		300304 *p*	Post Harvest Technologies
		300399	Horticulture not elsewhere classified

090400	ANIMAL PRODUCTION			
090401	Animal Breeding	300401		Animal Breeding
090402	Animal Reproduction	300402		Animal Reproduction
090403	Animal Nutrition	300403		Animal Nutrition
090404	Animal Husbandry	300404		Animal Husbandry
090405	Animal Protection (Pests and Pathogens)	300405		Animal Protection (Pests and Pathogens)
090406	Animal Growth and Development	300406		Animal Growth and Development
090499	Animal Production n.e.c.	300499		Animal Production not elsewhere classified

090500	VETERINARY SCIENCES			
090501	Epidemiology	300503		Epidemiology
090502	Physiology	300505	*p*	Anatomy and Physiology
090503	Pathology	300506		Pathology
090504	Bacteriology	300507	*p*	Microbiology (excl. Virology)
090505	Parasitology	300508		Parasitology
090506	Virology	300510		Virology
090507	Surgery	300511		Surgery
090508	Pharmacology	300512		Pharmacology
090599	Veterinary Sciences n.e.c.	300501		Veterinary Medicine
		300502		Anaesthesiology
		300504		Immunology
		300505	*p*	Anatomy and Physiology
		300507	*p*	Microbiology (excl. Virology)
		300509		Radiology and Imaging
		300599		Veterinary Sciences not elsewhere classified

090600	FORESTRY SCIENCES			
090601	Breeding	300602	*p*	Tree Improvement (Selection, Breeding and Genetic Engineering)
090602	Pests, Health and Diseases	300603		Pests, Health and Diseases
090603	Management and Environment	300604		Management and Environment
090604	Fire Management	300605		Fire Management
090605	Wildlife and Habitat Management	300802		Wildlife and Habitat Management
090606	Agroforestry	300606		Agroforestry
090699	Forestry Sciences n.e.c.	300601		Nutrition and Physiology
		300602	*p*	Tree Improvement (Selection, Breeding and Genetic Engineering)
		300699		Forestry Sciences not elsewhere classified

090700	FISHERIES SCIENCES		
090701	Marine Fisheries	300701 *p*	Physiology and Genetics
		300702 *p*	Pests and Diseases
		300704 *p*	Ecosystem Studies and Stock Assessment
		300705 *p*	Evaluation of Management Strategies
		300799 *p*	Fisheries Sciences not elsewhere classified
090702	Marine Aquaculture	300703 *p*	Aquaculture
090703	Inland Water Fisheries and Aquaculture	300701 *p*	Physiology and Genetics
		300702 *p*	Pests and Diseases
		300703 *p*	Aquaculture
		300704 *p*	Ecosystem Studies and Stock Assessment
		300705 *p*	Evaluation of Management Strategies
		300799 *p*	Fisheries Sciences not elsewhere classified
090799	Fisheries Sciences n.e.c.	300701 *p*	Physiology and Genetics
		300702 *p*	Pests and Diseases
		300704 *p*	Ecosystem Studies and Stock Assessment
		300705 *p*	Evaluation of Management Strategies
		300799 *p*	Fisheries Sciences not elsewhere classified
099900	OTHER AGRICULTURAL SCIENCES		
099901	Fertilisers and Agrochemicals (Application etc.)	309901	Fertilisers and Agrochemicals (Application etc.)
099902	Agricultural Systems and Farm Management	300901	Farm Management, Rural Management and Agribusiness
		300903	Sustainable Development
099999	Agricultural Sciences n.e.c.	300902	Land and Parks Management
		300999	Land, Parks and Agriculture Management not elsewhere classified
		309902	Education and Extension
		309999	Agricultural, Veterinary and Environmental Sciences not elsewhere classified

(p = partial match)

SUBDIVISION 100000 MEDICAL AND HEALTH SCIENCES

100100	IMMUNOLOGY		
100101	Allergy	320201	Allergy
100102	Cellular Immunology	320202	Cellular Immunology
100103	Humoral Immunology and Immunochemistry	320203	Humoral Immunology and Immunochemistry
100104	Immunogenetics	320204	Immunogenetics
100105	Transplantation Immunology	320205	Transplantation Immunology
100106	Tumor Immunology	320206	Tumor Immunology
100199	Immunology n.e.c.	320207	Autoimmunity
		320299	Immunology not elsewhere classified

100200	MEDICAL BIOCHEMISTRY AND CLINICAL CHEMISTRY		
100201	Clinical Chemistry	320301	Clinical Chemistry
100202	Medical Biochemistry: Carbohydrates	320302	Medical Biochemistry: Carbohydrates
100203	Medical Biochemistry: Lipids	320303	Medical Biochemistry: Lipids
100204	Medical Biochemistry: Nucleic Acids	320304	Medical Biochemistry: Nucleic Acids
100205	Medical Biochemistry: Proteins and Peptides	320305	Medical Biochemistry: Proteins and Peptides
100299	Medical Biochemistry and Clinical Chemistry n.e.c.	320306	Medical Biochemistry: Phospholipids
		320307	Medical Biochemistry: Other

100300	MEDICAL MICROBIOLOGY		
100301	Bacteriology	320401	Medical Bacteriology
100302	Parasitology	320405	Medical Parasitology
100303	Virology	320402	Medical Virology
100399	Medical Microbiology n.e.c.	320403	Medical Infection Agents (incl. Prions)
		320404	Medical Mycology
		320499	Medical Microbiology not elsewhere classified

100400	PHARMACOLOGY		
100401	Basic Pharmacology	320502	Basic Pharmacology
100402	Clinical Pharmacology and Therapeutics	320503	Clinical Pharmacology and Therapeutics
100403	Toxicology	320504	Toxicology (incl. Clinical Toxicology)
100499	Pharmacology n.e.c.	320501	Pharmaceutical Sciences and Pharmacy
		320599	Pharmacology not elsewhere classified

100500	PHYSIOLOGY		
100501	Human Biophysics	320601	Biophysics
100502	Cell Physiology	320602	Cell Physiology
100503	Systems Physiology	320603	Systems Physiology
100504	Comparative Physiology	270604	Comparative Physiology
100599	Physiology n.e.c.	320699	Medical Physiology not elsewhere classified

100600	NEUROSCIENCES		
100601	Autonomic Nervous System	320701	Autonomic Nervous System
100602	Central Nervous System	320702	Central Nervous System
100603	Peripheral Nervous System	320703	Peripheral Nervous System
100604	Cellular Nervous System	320704	Cellular Nervous System
100605	Sensory Systems	320705	Sensory Systems
100699	Neurosciences n.e.c.	320799	Neurosciences not elsewhere classified

100700	CLINICAL SCIENCES			
100701	Anaesthesia	321001	Anaesthesiology	
100702	Dermatology	321002	Dermatology	
100703	Cardiology	321003	Cardiology (incl. Cardiovascular Diseases)	
100704	Dentistry and Oral Surgery	320801	Oral Surgery	
		320802	Dentistry Support	
		320803	Dental Technology	
		320804	Dental Therapy	
		320899	Dentistry not elsewhere classified	
100705	Endocrinology	321004	Endocrinology	
100706	Foetal Development and Medicine	321005	Fetal Development and Medicine	
100707	Gastroenterology and Hepatology	321006	Gastroenterology and Hepatology	
100708	Geriatrics	321007	Geriatrics and Gerontology	
100709	Haematology	321008	Haematology	
100710	Intensive Care	321009	Intensive Care	
100711	Infectious Diseases	321010	Infectious Diseases	
100712	Medical Genetics	321011	Medical Genetics	
100713	Nephrology and Urology	321012	Nephrology and Urology	
100714	Neurology and Neuromuscular Diseases	321013	Neurology and Neuromuscular Diseases	
100715	Obstetrics and Gynaecology	321014	Obstetrics and Gynaecology	
100716	Oncology and Carcinogenesis	321015	Oncology and Carcinogenesis	
100717	Opthalmology and Optometry	320901	Optical Technology	
		320999	Optometry not elsewhere classified	
		321016	Opthalmology and Vision Science	
100718	Orthopaedics	321017	Orthopaedics	
100719	Otolaryngology	321018	Otorhinolaryngology	
100720	Paediatrics and Child Health	321019	Paediatrics	
		321210	Community Child Health	
100721	Pathology	321020	Pathology	
100722	Psychiatry	321021	Psychiatry	
100723	Psychology—Clinical	380107	Health, Clinical and Counselling Psychology	
100724	Radiology and Organ Imaging	321022	Radiology and Organ Imaging	
100725	Radiotherapy and Nuclear Medicine	321023	Radiotherapy and Nuclear Medicine	
100726	Rehabilitation and Therapy: Occupational and Physical	321024	Rehabilitation and Therapy: Occupational and Physical	
100727	Rehabilitation and Therapy: Hearing and Speech	321025	Rehabilitation and Therapy: Hearing and Speech	
100728	Reproduction	321026	Reproduction	
100729	Respiratory Diseases	321027	Respiratory Diseases	
100730	Rheumatology and Arthritis	321028	Rheumatology and Arthritis	
100731	Surgery	321029	Surgery	
100732	Venereology	321030	Venereology	
100799	Clinical Sciences n.e.c.	321099	Clinical Sciences not elsewhere classified	

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		(p = partial match)	
100800	**PUBLIC HEALTH RESEARCH**		
100801	Environmental and Occupational Health and Safety	321201	Environmental and Occupational Health and Safety
100802	Epidemiology and Health Information Systems	321202	Epidemiology
		321203	Health Information Systems (incl. Surveillance)
100803	Mental Health	321204	Mental Health
100804	Nutrition	321205	Nutrition and Dietetics
100805	Preventive Medicine	321206	Preventive Medicine
100806	Primary Health Care	321208	Primary Health Care
100899	Public Health Research n.e.c.	321207	Indigenous Health
		321209	Family Care
		321211	Residential Client Care
		321212	Care for Disabled
		321299 *p*	Public Health and Health Services not elsewhere classified
100900	**HEALTH SERVICES RESEARCH**		
100901	Human Bioethics	321213	Human Bioethics
100902	Health and Community Services Research and Evaluation	321214	Health and Community Services
100903	Health Care Administration	321215	Health Care Administration
100904	Health Education and Promotion	321216	Health Promotion
		321299 *p*	Public Health and Health Services not elsewhere classified
100905	Nursing	321101	Midwifery
		321102	Clinical Nursing: Primary (Preventative)
		321103	Clinical Nursing: Secondary (Acute Care)
		321104	Clinical Nursing: Tertiary (Rehabilitative)
		321105	Mental Health Nursing
		321106	Aged Care Nursing
		321199	Nursing not elsewhere classified
100999	Health Services Research n.e.c.	321217	Health Counselling
		321299 *p*	Public Health and Health Services not elsewhere classified
109900	**OTHER MEDICAL AND HEALTH SCIENCES**		
109901	Biomechanics	321402	Biomechanics
109902	Medical Biotechnology	329902	Medical Biotechnology
109999	Medical and Health Sciences n.e.c.	321301	Oriental Medicine and Treatments
		321302	Chiropractic
		321303	Naturopathy
		321399	Complementary/Alternative Medicine not elsewhere classified
		321401	Exercise Physiology
		321403	Motor Control
		321404	Sport and Exercise Psychology
		321405	Sports Medicine
		321499	Human Movement and Sports Science not elsewhere classified
		329901	Podiatry
		329903	Therapies and Therapeutic Technology
		329999	Mental and health Sciences not elsewhere classified

SUBDIVISION 110000 SOCIAL SCIENCES

110100	ACCOUNTING AND FINANCE		
110101	Financial and Management Accounting	350101	Financial Accounting
		350102	Management Accounting
110102	Auditing and Accountability	350103	Auditing and Accountability
110103	Finance	350301	Finance
110199	Accounting and Finance n.e.c.	350104	Taxation
		350105	Bookkeeping
		350106	International Accounting
		350107	Other Accounting
		350302	Financial Econometrics
		350303	Financial Institutions (incl. Banking)
		350304	Insurance Studies
		350399	Banking, Finance and Investment not elsewhere classified

110200	ECONOMICS		
110201	Economic Theory	340101	Microeconomic Theory
		340102	Macroeconomic Theory
		340103	Mathematical Economics
		340199	Economic Theory not elsewhere classified
110202	Economic History and Political Economy	340301	Economic History
		349901	Political Economy
110203	International Economics	340206	International Economics and International Finance
110204	Monetary and Fiscal Theory	340208	Macroeconomics (incl. Monetary and Fiscal Theory)
110205	Welfare Economics	340210	Welfare Economics
110206	Health Economics	340204	Health Economics
110207	Labour Economics	340207	Labour Economics
110208	Industry and Resource Economics	340202 *p*	Environment and Resource Economics
		340205	Industry Economics and Industrial Organisation
110209	Agricultural Economics	340201	Agricultural Economics
110210	Econometrics	340402	Econometric and Statistical Methods
		340403	Time-Series Analysis
		340404	Cross-Sectional Analysis
		340405	Panel Data Analysis
		340499	Econometrics not elsewhere classified
110211	Economic Models and Forecasting	340401	Economic Models and Forecasting
110212	Environment Economics	340202 *p*	Environment and Resource Economics
110299	Economics n.e.c.	340203	Finance Economics
		340209	Public Sector Economics
		340211	Transport Economics
		340213	Economic Development and Growth
		340214	Urban and Regional Economics
		340299	Applied Economics not elsewhere classified
		340302	History of Economic Thought
		349902	Comparative Economic Systems
		349999	Economics not elsewhere classified

110300	BUSINESS STUDIES			
110301	Business Management	350201	Human Resources Management	
		350208	Organisational Planning and Management	
		350209	Small Business Management	
		350210	Quality Management	
		350211	Innovation and Technology Management	
110302	Industrial Relations	350203	Industrial Relations	
110303	Marketing	350204 *p*	Marketing and Market Research	
110399	Business Studies n.e.c.	350202	Business Information Systems (incl. Data Processing)	
		350204 *p*	Marketing and Market Research	
		350205	Sales and Distribution	
		350206	Advertising and Public Relations	
		350207	Office Services	
		350212	International business	
		350213	Electronic Commerce	
		350299	Business and Management not elsewhere classified	
110400	POLITICAL SCIENCES AND PUBLIC POLICY			
110401	Political Science	360101	Australian Government and Politics	
		360102	Comparative Government and Politics	
		360103	Federalism and Intergovernmental Relations	
		360104	Political Theory and Political Philosophy	
		360199	Political Science not elsewhere classified	
110402	Public Policy and Administration	360201	Public Policy	
		360202	Public Administration	
110403	International Relations	360105	International Relations	
110404	Science and Technology Policy	360203	Research, Science and Technology Policy	
110499	Political Sciences and Public Policy n.e.c.	360204	Defence Studies	
		360299	Policy and Administration not elsewhere classified	
		369999	Other Policy and Political Science	
110500	ARCHITECTURE AND URBAN ENVIRONMENT			
110501	Architecture	310101	Architecture	
110502	Urban Planning	310103	Urban and Regional Planning	
110503	Heritage and Conservation	310102	Heritage and Conservation	
110599	Architecture and Urban Environment n.e.c.	310104	Landscape Planning	
		310105	History of the Built Environment	
		310106	Interior and Environmental Design	
		310199	Architecture and Urban Environment not elsewhere classified	

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110600	SOCIOLOGY		
110601	Social Theory and Policy	370101	Social Theory
		370102	Social Policy and Planning
110602	Race and Ethnic Relations	370103	Race and Ethnic Relations
110603	Criminology	390401	Criminology
110699	Sociology n.e.c.	370104	Urban Sociology and Community Studies
		370105	Applied Sociology, Program Evaluation and Social Impact Assessment
		370106	Sociological Methodology and Research Methods
		370107	Social Change
		370199	Sociology not elsewhere classified
110700	ANTHROPOLOGY		
110701	Prehistory and Physical Anthropology	370301	Biological (Physical) Anthropology
		370302 *p*	Social and Cultural Anthropology
		370303 *p*	Linguistic Anthropology
		370399 *p*	Anthropology not elsewhere classified
110702	Aboriginal Anthropology	370302 *p*	Social and Cultural Anthropology
		370303 *p*	Linguistic Anthropology
		370399 *p*	Anthropology not elsewhere classified
110799	Anthropology n.e.c.	370302 *p*	Social and Cultural Anthropology
		370303 *p*	Linguistic Anthropology
		370399 *p*	Anthropology not elsewhere classified
110800	SOCIAL STUDIES		
110801	Women's Studies	379901 *p*	Gender Specific Studies
110802	Urban and Regional Studies	370401	Urban and Regional Studies
110803	Social Work and Administration	370201	Clinical Social Work Practice
		370202	Social Program Evaluation
		370203	Social Policy
		370204	Counselling, Welfare and Community Services
		370299	Social Work not elsewhere classified
110899	Social Studies n.e.c.	379901 *p*	Gender Specific Studies
		379902	Aboriginal Studies
		379999	Studies in Human Society not elsewhere classified
110900	HUMAN GEOGRAPHY		
110901	Economic Geography	340212	Economic Geography
110902	Social and Cultural Geography	370402	Social and Cultural Geography
110903	Recreation and Leisure Studies	370403	Recreation and Leisure Studies
110999	Human Geography n.e.c.	370499	Human Geography not elsewhere classified
111000	POPULATION STUDIES		
111001	Population Trends and Policies (incl. Fertility and Mortality)	370501	Population Trends and Policies
111002	Migration	370502	Migration
111099	Population Studies n.e.c.	370503	Fertility
		370504	Family and Household Studies
		370599	Demography not elsewhere classified

111100	LAW		
111101	Constitutional and Administrative Law	390101	Administrative Law
		390103	Constitutionalism and Constitutional Law
111102	Jurisprudence and Legal History	390302	Jurisprudence and Legal Theory
111103	Family Law	390108	Family Law
111104	Commercial and Contracts Law	390104	Commercial and Contract Law
111105	International Law	390111	International Law
111106	Criminal Law	390106	Criminal Law
111199	Law n.e.c.	390102	Comparative Law
		390105	Corporations and Associations Law
		390107	Environmental and Natural Resources Law
		390109	Civil Law
		390110	Indigenous Law
		390112	Law and Literature
		390113	Legal History
		390114	Intellectual Property
		390115	Property Law and Conveyancing (excl. Intellectual Property)
		390116	Labour Law
		390117	Tort Law
		390118	Taxation Law
		390119	Equity Law
		390120	Trust Law
		390199	Law not elsewhere classified
		390201	Legal Practice
		390202	Adjudication
		390203	Legal Education
		390204	Professional Ethics
		390299	Professional Development of Law Practitioners not elsewhere classified
		390301	Justice Systems and Administration
		390303	Human Rights
		390304	Counselling and Mediation Services
		390305	Law and Society
		390399	Justice and Legal Studies not elsewhere classified
		390402	Evidence and Procedure
		390403	Police Administration, Procedures and Practice
		390404	Detection and Prevention of Crime; Security Services
		390405	Correctional Theory and Services; Penology
		390499	Law Enforcement not elsewhere classified
		399901	History and Philosophy of Law and Justice
		399999	Law, Justice and Law Enforcement not elsewhere classified

(p = partial match)

111200   PSYCHOLOGY
111201   Cognition, Motivation and Performance   380101 *p* Sensory Processes, Perception and
                                                                       Performance
                                                             380102 *p* Learning, Memory, Cognition and Language

111202   Learning, Memory and Perception   380101 *p* Sensory Processes, Perception and
                                                                       Performance
                                                             380102 *p* Learning, Memory, Cognition and Language

111203   Biological Psychology, Neuropsychology and 380103   Biological Psychology (Neuropsychology,
         Psychopharmacology   Psychopharmacology, Physiological
                                                                          Psychology)

111204   Personality, Abilities and Assessment   380104   Personality, Abilities and Assessment
111205   Social and Organisational Psychology   380105   Social and Community Psychology
111206   Developmental Psychology and Ageing   380106   Developmental Psychology and Ageing
111207   Quantitative Psychology and Methodology   380109   Psychological Methodology, Design and
                                                                          Analysis

111299   Psychology n.e.c.   380108   Industrial and Organisational Psychology
                                                             380199   Psychology not elsewhere classified

111300   EDUCATION
111301   Educational Psychology and Curriculum   330101   Educational Psychology
         Development   330206   Curriculum Theory and Development
111302   History and Philosophy of Education   330102   History and Philosophy of Education
111303   Sociology of Education   330103   Sociology of Education
111304   Post Secondary Education   330201 *p* Curriculum Studies: English Education
                                                             330202 *p* Curriculum Studies: Mathematics Education
                                                             330203 *p* Curriculum Studies: Science Education
                                                             330204 *p* Curriculum Studies: Economics, Commerce,
                                                                          Management and Services Education
                                                             330205 *p* Curriculum Studies: Other Social Sciences,
                                                                          Humanities and Arts Education
                                                             330299 *p* Curriculum Studies not elsewhere classified

111305   Teacher Education   330301   Teacher Education: Early Childhood
                                                             330302   Teacher Education: Primary
                                                             330303   Teacher Education: Secondary
                                                             330304   Teacher Education: Vocational Education
                                                                          and Training
                                                             330305   Teacher Education: Higher Education
                                                             330306   Teacher Education: Special Education
                                                             330307   Teacher Education: Nursing and Health
                                                             330399   Professional Development of Teachers not
                                                                          elsewhere classified

111306   Educational Administration and Theory   330104   Educational Policy, Administration and
                                                                          Management

111399   Education n.e.c.   330105   Educational Counselling
                                                             330106   Comparative Education
                                                             330107   Educational Technology and Media
                                                             330108   Special Education
                                                             330109   Assessment and Evaluation
                                                             330199   Education Studies not elsewhere classified
                                                             330201 *p* Curriculum Studies: English Education
                                                             330202 *p* Curriculum Studies: Mathematics Education
                                                             330203 *p* Curriculum Studies: Science Education
                                                             330204 *p* Curriculum Studies: Economics, Commerce,
                                                                          Management and Services Education
                                                             330205 *p* Curriculum Studies: Other Social Sciences,
                                                                          Humanities and Arts Education
                                                             330299 *p* Curriculum Studies not elsewhere classified
                                                             339999   Other Education

111400	MEDIA AND COMMUNICATION STUDIES		
111401	Media Studies	400104 *p*	Communication and Media Studies
111402	Journalism	400101	Journalism
111403	Librarianship and Information Studies	400201	Librarianship
		400301	Museum Studies
		400302	Archival Studies
		400303	Materials Conservation
		400399	Curatorial Studies not elsewhere classified
111499	Media and Communication Studies n.e.c.	400102	Technical Writing
		400103	Professional Creative Writing
		400104 *p*	Communication and Media Studies
		400199	Journalism, Communication and Media not elsewhere classified
		409999	Other Journalism, Librarianship and Curatorial Studies
119900	OTHER SOCIAL SCIENCES		
119999	Other Social Sciences	350401	Aeronautical Transportation
		350402	Aircrew Training
		350403	Nautical Transportation
		350404	Marine Crew Training
		350405	Road and Rail Transportation
		350499	Transportation not elsewhere classified
		350501	Tourism Policy and Planning
		350502	Tourism Resource Appraisal
		350503	Impacts of Tourism
		350504	Tourist Behaviour
		350505	Tourism Economics
		350506	Tourism Forecasting
		350507	Tourism Management
		350508	Tourism Marketing
		350599	Tourism not elsewhere classified
		350601	Hospitality Management
		350602	Food and Hospitality Services
		350603	Real Estate and Valuation
		350604	Professional Services (Legal, Management Consulting, etc.)
		350605	Other Retail Services
		350606	Wholesale Services
		350699	Services not elsewhere classified
		359999	Other Commerce, Management, Tourism and Services

SUBDIVISION 120000 HUMANITIES

120100	LANGUAGE AND LITERATURE	
120101	Literary Studies: Australian	420202 *p* Australian and New Zealand
120102	Literary Studies: Asian and Pacific	420202 *p* Australian and New Zealand
		420211 Chinese
		420212 Japanese
		420213 Indonesian
		420214 Indian
		420215 Other Asian
		420299 *p* Literature Studies not elsewhere classified
120103	Literary Studies: British	420201 British and Irish
120104	Literary Studies: European	420205 Latin and Classical Greek
		420206 French
		420207 German
		420208 Italian
		420209 Russian
		420210 Other European
120105	Literary Studies: North American	420203 North American
120106	Literary Theory and Genre Studies	420218 Literary Theory
120107	Literary Studies n.e.c.	420204 South American
		420216 Comparative Literature Studies
		420217 Textual Transmission and the Material Record
		420219 Stylistics
		420220 Folklore, Myth and Mythologies
		420299 *p* Literature Studies not elsewhere classified
120108	Lexicography	380208 Lexicography
120109	Applied Linguistics	380201 Applied Linguistics and Educational Linguistics
120110	Semantics	380207 *p* Linguistic Structures (incl. Grammar, Phonology, Lexicon, Semantics)
120111	Linguistics: Studies of Australian Aboriginal Languages	420103 Aboriginal Languages
120112	Linguistics: Other Australian Studies	420101 *p* English
		420102 *p* English as a Second Language
120113	Linguistics n.e.c.	380202 Computational Linguistics
		380203 Discourse and Pragmatics
		380204 Laboratory Phonetics and Speech Science
		380205 Language in Culture and Society (Sociolinguistics)
		380206 Language in Time and Space (incl. Historical Linguistics, Dialectology)
		380207 *p* Linguistic Structures (incl. Grammar, Phonology, Lexicon, Semantics)
		380299 Linguistics not elsewhere classified
		380302 Linguistic Processes (incl. Speech Production and Comprehension)

(p = partial match)

120100	LANGUAGE AND LITERATURE *continued*		
120199	Language and Literature n.e.c.	420101 *p*	English
		420102 *p*	English as a Second Language
		420104	Latin
		420105	Greek
		420106	French
		420107	German
		420108	Italian
		420109	Spanish
		420110	Russian
		420111	Other European Languages
		420112	Chinese Languages
		420113	Japanese
		420114	Indonesian Languages
		420115	Malaysian Languages
		420116	Indian Languages
		420117	Korean
		420118	Vietnamese Languages
		420119	Thai Languages
		420120	Other Asian Languages
		420121	Comparative Language Studies
		420122	Oracy and Oral Traditions
		420199	Language Studies not elsewhere classified
120200	HISTORICAL STUDIES		
120201	History: Australian	430101	History: Australian
120202	History: Asian and the Pacific	430102	History: Asian
		430103	History: Pacific
120203	History: American	430104	History: North American
		430105	History: Latin American
120204	History: British	430107	History: British
120205	History: European	430108	History: European
120206	History: Middle Eastern	430109	History: Middle Eastern
120207	History: Other	430106	History: African
		430110	History: Classical Greek and Roman
		430111	History: Other
120208	Biography	430112	Biography
120299	Historical Studies n.e.c.	430199	Historical Studies not elsewhere classified

(p = partial match)

FOR		RFCD	
120300	ARCHAEOLOGY AND CLASSICAL STUDIES		
120301	Archaeology	430201	Archaeology of Hunter-Gatherer Societies (incl. Pleistocene Archaeology)
		430202	Archaeology of Agricultural and Pastoral Societies
		430203 *p*	Archaeology of Complex Societies: Europe, the Mediterranean and the Levant
		430204 *p*	Archaeology of Complex Societies: Asia, Africa, Oceania and the Americas
		430205	Historical Archaeology (incl. Industrial Archaeology)
		430206	Maritime Archaeology
		430207	Archaeological Science
		430299	Archaeology and Prehistory not elsewhere classified
120302	Egyptology	430204 *p*	Archaeology of Complex Societies: Asia, Africa, Oceania and the Americas
120303	Greek and Roman Classical Studies	430203 *p*	Archaeology of Complex Societies: Europe, the Mediterranean and the Levant
120399	Classical Studies n.e.c.	439999	Other History and Archaeology
120400	ARTS		
120401	Music	410101	Music
120402	Fine Arts	410202	Fine Arts (incl. Sculpture and Painting)
120403	Drama	410102	Drama, Theatre and Performance Studies
120499	Arts n.e.c.	410103	Dance
		410104	Indigenous Performing Arts
		410199	Performing Arts not elsewhere classified
		410201	Graphic Arts
		410203	Photography
		410204	Crafts
		410299	Visual Arts and Crafts not elsewhere classified
		410301	Film and Video
		410302	Cinema Studies
		410303	Multimedia
		410304	Other Cinema and Electronic Arts
		419901	Art History and Appreciation
		419999	The Arts not elsewhere classified
120500	DESIGN STUDIES		
120501	Design History and Conservation	410405	Design History and Cultural Theory
		410499 *p*	Design Studies not elsewhere classified
120502	Design Theory	410401	Design Theory
120503	Design Innovation	410402	Design Innovation
120504	Design Management and Practice	410403	Design Studio Practice
		410404	Design Management and Professional Practice
120599	Design Studies n.e.c.	410499 *p*	Design Studies not elsewhere classified

(p = partial match)

120600	PHILOSOPHY			
120601	Logic	440106	Logic
120602	Metaphysics	440107	Metaphysics
120603	Ethics	440103	Ethical Theory
		440104	Applied Ethics (incl. Bioethics and Environmental Ethics)
120604	Social and Applied Philosophy	440101	Aesthetics
		440108	Philosophy of Language
		440109	Philosophy of Mind (excl. Cognition)
		440110	Social Philosophy
		440111	Phenomenology
		440112	Hermeneutic Theory
		440113	Comparative Philosophy
		440114	Philosophy of Action
		440115	Philosophy of Specific Cultures (e.g. Ancient Greek, Chinese)
120699	Philosophy n.e.c.	440102	Epistemology
		440105	History of Philosophy and History of Ideas
		440199	Philosophy not elsewhere classified
		449999 *p*	Other Philosophy and Religion
120700	RELIGIOUS STUDIES		
120701	Religious Studies	440201	Hindu Studies
		440202	Buddhist Studies
		440203	Jewish Studies
		440204	Christian Theology (incl. Biblical Studies and Church History)
		440205	Islamic Studies
		440206	Studies in Other Religious Traditions
		440207	Religion and Society
		440208	Psychology of Religion
		440209	Philosophy of Religion
		440299	Religion and Religious Traditions not elsewhere classified
		449999 *p*	Other Philosophy and Religion
120800	HISTORY AND PHILOSOPHY OF SCIENCE AND MEDICINE		
120801	History and Philosophy of Science	370601	History and Philosophy of Science and Technology
		370602	Sociology and Social Studies of Science and Technology
		370699	History and Philosophy of Science and Medicine not elsewhere classified
120802	History and Philosophy of Medicine	370603	History and Philosophy of Medicine

129900   OTHER HUMANITIES
129999   Other Humanities

380301	Philosophy of Cognition
380304	Neurocognitive Patterns and Neural Networks
380305	Knowledge Representation and Machine Learning
380306	Planning and Problem Solving
380399	Cognitive Science not elsewhere classified
389999	Other Behavioural and Cognitive Sciences
420301	Cultural Policy Studies
420302	Cultural Theory
420303	Culture, Gender, Sexuality
420304	Screen and Media Culture
420305	Aboriginal Cultural Studies
420306	Postcolonial and Global Cultural Studies
420307	Consumption and Everyday Life
420308	Multicultural, Intercultural and Cross-cultural Studies
420399	Cultural Studies not elsewhere classified
429999	Other Language and Culture

RFCD   **FOR**

(p = partial match)

DIVISION 210000 SCIENCE—GENERAL

DIVISION 220000 SOCIAL SCIENCES, HUMANITIES AND ARTS—GENERAL

DIVISION 230000 MATHEMATICAL SCIENCES

230100	MATHEMATICS		
230101	Mathematical Logic, Set Theory, Lattices and Combinatorics	010101 *p*	Mathematical Logic, Set Theory, Number Theory, Group Theory
230102	Number Theory and Field Theory	010101 *p*	Mathematical Logic, Set Theory, Number Theory, Group Theory
230103	Rings and Algebras	010102 *p*	Algebraic Structures
230104	Category Theory, K Theory, Homological Algebra	010102 *p*	Algebraic Structures
230105	Group Theory and Generalisations (incl. Topological Groups and Lie Groups)	010101 *p*	Mathematical Logic, Set Theory, Number Theory, Group Theory
230106	Real and Complex Functions	010104 *p*	Functional Theory, Operator Theory
230107	Differential, Difference and Integral Equations	010202	Differential Equations, Integral Equations
230108	Harmonic and Fourier Analysis	010103 *p*	Approximation Theory, Fourier Analysis, Harmonic Analysis, Potential Theory
230109	Functional Analysis	010104 *p*	Functional Theory, Operator Theory
230110	Calculus of Variations and Control Theory	010203 *p*	Optimisation, Control Theory
230111	Geometry	010105 *p*	Geometry, Topology
230112	Topology and Manifolds	010105 *p*	Geometry, Topology
230113	Dynamical Systems	010299 *p*	Applied Mathematics n.e.c.
230114	Functions of Several Complex Variables	010104 *p*	Functional Theory, Operator Theory
230115	Approximation Theory	010103 *p*	Approximation Theory, Fourier Analysis, Harmonic Analysis, Potential Theory
230116	Numerical Analysis	010201 *p*	Numerical Analysis, Theory of Computation, Analysis of Algorithms
230117	Operations Research	010104 *p*	Functional Theory, Operator Theory
230118	Optimisation	010203 *p*	Optimisation, Control Theory
230119	Systems Theory and Control	010299 *p*	Applied Mathematics n.e.c.
230199	Mathematics not elsewhere classified	010199	Pure Mathematics n.e.c.
		010201 *p*	Numerical Analysis, Theory of Computation, Analysis of Algorithms
		010204	Classical Mechanics, Fluids, Optics, Electromagnetism
		010299 *p*	Applied Mathematics n.e.c.
230200	STATISTICS		
230201	Probability Theory	010301	Probability Theory
230202	Stochastic Analysis and Modelling	010302	Stochastic Modelling and Analysis
230203	Statistical Theory	010303	Statistical Theory
230204	Applied Statistics	010304	Applied Statistics
230299	Statistics not elsewhere classified	010399	Statistics n.e.c.

239900	OTHER MATHEMATICAL SCIENCES		
239901	Biological Mathematics	019901	Biomathematics
239902	Actuarial Mathematics	019999 *p*	Mathematical Sciences n.e.c.
239903	Risk theory	019999 *p*	Mathematical Sciences n.e.c.
239904	Theory of Graduation	019999 *p*	Mathematical Sciences n.e.c.
239999	Mathematical Sciences not elsewhere classified	019999 *p*	Mathematical Sciences n.e.c.

DIVISION 240000 PHYSICAL SCIENCES

240100	ASTRONOMICAL SCIENCES		
240101	Astronomy and Astrophysics	020101	Astronomy and Astrophysics
240102	Cosmic Ray Physics	020102	Cosmic Ray Physics
240199	Astronomical Sciences not elsewhere classified	020199	Astronomical Sciences n.e.c.
240200	THEORETICAL AND CONDENSED MATTER PHYSICS		
240201	Theoretical Physics	020201	Theoretical Physics
240202	Condensed Matter Physics—Structural Properties	020202 *p*	Condensed Matter Physics
240203	Condensed Matter Physics—Electronic and Magnetic Properties; Superconductivity	020202 *p*	Condensed Matter Physics
240204	Condensed Matter Physics—Other	020202 *p*	Condensed Matter Physics
240300	ATOMIC AND MOLECULAR PHYSICS; NUCLEAR AND PARTICLE PHYSICS; PLASMA PHYSICS		
240301	Atomic and Molecular Physics	020301	Atomic and Molecular Physics
240302	Nuclear and Particle Physics	020303	Nuclear and Particle Physics
240303	Plasmas and Electrical Discharges	020302 *p*	Fluids, Plasmas and Electrical Discharges
240304	Other Plasma Physics	020399	Atomic, Molecular, etc. Physics n.e.c.
240400	OPTICAL PHYSICS		
240401	Optics and Opto-electronic Physics	020402	Optical and Opto electrical Physics
240402	Quantum Optics and Lasers	020403	Quantum Optics
240499	Optical Physics not elsewhere classified	020499 *p*	Acoustic and Optical Physics n.e.c.
240500	CLASSICAL PHYSICS		
240501	Acoustics and Acoustical Devices; Waves	020401	Acoustics and Opto acoustical Physics
		020499 *p*	Acoustic and Optical Physics n.e.c.
240502	Fluid Physics	020302 *p*	Fluids, Plasmas and Electrical Discharges
240503	Thermodynamics and Statistical Physics	029999 *p*	Physical Sciences n.e.c.
240504	Electrostatics and Electrodynamics	029999 *p*	Physical Sciences n.e.c.
240599	Classical Physics not elsewhere classified	029999 *p*	Physical Sciences n.e.c.
249900	OTHER PHYSICAL SCIENCES		
249901	Biophysics	029901	Biophysics
249902	Medical Physics	029902	Medical Physics
249903	Instruments and Techniques	029903	Instruments and Techniques
249999	Physical Sciences not elsewhere classified	029999 *p*	Physical Sciences n.e.c.

DIVISION 250000 CHEMICAL SCIENCES

250100	PHYSICAL CHEMISTRY (INCL. STRUCTURAL)		
250101	Chemical Thermodynamics and Energetics	030101	Chemical Thermodynamics and Energetics
250102	Chemistry of Catalysis	030102	Chemistry of Catalysis
250103	Colloid and Surface Chemistry	030104	Colloid and Surface Chemistry
250104	Chemical Spectroscopy	030105	Chemical Spectroscopy
250105	Structural Chemistry	030106	Structural Chemistry
250106	Mechanisms of Reactions	030107	Mechanisms of Reactions
250107	Electrochemistry	030109	Electrochemistry
250199	Physical Chemistry not elsewhere classified	030199	Physical Chemistry n.e.c.

250200	INORGANIC CHEMISTRY		
250201	Transition Metal Chemistry	030201	Transition Metal Chemistry
250202	Main Group Metal Chemistry	030202	Main Group Metal Chemistry
250203	Solid State Chemistry	030203	Solid State Chemistry
250204	Bioinorganic Chemistry	030204	Bioinorganic Chemistry
250205	Non-Metal Chemistry	030299 *p*	Inorganic Chemistry n.e.c.
250206	f-Block Chemistry	030299 *p*	Inorganic Chemistry n.e.c.
250299	Inorganic Chemistry not elsewhere classified	030299 *p*	Inorganic Chemistry n.e.c.

250300	ORGANIC CHEMISTRY		
250301	Organic Chemical Synthesis	030301	Organic Chemical Synthesis
250302	Biological and Medical Chemistry	030302	Biological and Medical Chemistry
250303	Physical Organic Chemistry	030303	Physical Organic Chemistry
250399	Organic Chemistry not elsewhere classified	030399	Organic Chemistry n.e.c.

250400	ANALYTICAL CHEMISTRY		
250401	Separation Science	030401 *p*	Instrumentational Methods
250402	Analytical Spectrometry	030401 *p*	Instrumentational Methods
250403	Electroanalytical Chemistry	030401 *p*	Instrumentational Methods
250404	Flow Analysis	030401 *p*	Instrumentational Methods
250405	Sensor (Chemical and Bio-) Technology	030401 *p*	Instrumentational Methods
250406	Immunological and Bioassay Methods	030403	Immunological and Bioassay Methods
250407	Other Instrumental Methods	030401 *p*	Instrumentational Methods
250408	Chemometrics	030402 *p*	Chemical and Physical Methods
250409	Quality Assurance, Traceability and Metrological Chemistry	030402 *p*	Chemical and Physical Methods
250499	Analytical Chemistry not elsewhere classified	030402 *p*	Chemical and Physical Methods
		030499	Analytical Chemistry n.e.c.

250500	MACROMOLECULAR CHEMISTRY		
250501	Synthesis of Macromolecules	030103 *p*	Polymer Chemistry
250502	Physical Chemistry of Macromolecules	030103 *p*	Polymer Chemistry
250503	Characterisation of Macromolecules	030103 *p*	Polymer Chemistry
250504	Polymerisation Mechanisms	030103 *p*	Polymer Chemistry
250599	Macromolecular Chemistry not elsewhere classified	030103 *p*	Polymer Chemistry

(p = partial match)

250600	THEORETICAL AND COMPUTATIONAL CHEMISTRY		
250601	Quantum Chemistry	030108 *p*	Theoretical Chemistry
250602	Statistical Mechanics	030108 *p*	Theoretical Chemistry
250603	Reaction Kinetics and Dynamics	030108 *p*	Theoretical Chemistry
250604	Radiation and Matter	030108 *p*	Theoretical Chemistry
250605	Theory of Materials	030108 *p*	Theoretical Chemistry
250606	Macromolecular Design	030108 *p*	Theoretical Chemistry
250699	Theoretical and Computational Chemistry not elsewhere classified	030108 *p*	Theoretical Chemistry
259900	OTHER CHEMICAL SCIENCES		
259901	Organometallic Chemistry	039901	Organometallic Chemistry
259902	Environmental Chemistry (incl. Atmospheric Chemistry)	039902	Environmental Chemistry (incl. Atmospheric Chemistry)
259903	Industrial Chemistry	039903	Industrial Chemistry
259904	Supramolecular Chemistry	039999 *p*	Chemical Sciences n.e.c.
259999	Chemical Sciences not elsewhere classified	039999 *p*	Chemical Sciences n.e.c.

DIVISION 260000 EARTH SCIENCES

260100	GEOLOGY		
260101	Mineralogy and Crystallography	040101	Mineralogy and Crystallography
260102	Igneous and Metamorphic Petrology	040102	Igneous and Metamorphic Petrology
260103	Vulcanology	040103	Vulcanology
260104	Sedimentology	040104	Sedimentology
260105	Petroleum Geology	040105	Petroleum Geology
260106	Ore Deposit Petrology	040106	Ore Deposit Petrology
260107	Structural Geology	040107	Structural Geology
260108	Geotectonics	040108	Geotectonics
260109	Geochronology	040109	Geochronology
260110	Biostratigraphy	040110	Biostratigraphy
260111	Other Stratigraphy (incl. Sequence Stratigraphy)	040199 *p*	Geology n.e.c.
		040205 *p*	Explosion Seismology and Stratigraphy
260112	Palaeontology	040111	Palaeontology
260113	Palynology	040112	Palynology
260114	Geomorphology	040113	Geomorphology
260115	Glaciology	040114	Glaciology
260199	Geology not elsewhere classified	040199 *p*	Geology n.e.c.
260200	GEOPHYSICS		
260201	Gravity	040201	Gravity
260202	Geomagnetism	040202	Geomagnetism
260203	Electromagnetism	040203	Electromagnetism
260204	Petrophysics	040204	Petrophysics
260205	Explosion Seismology	040205 *p*	Explosion Seismology and Stratigraphy
260206	Earthquake Seismology	040206	Earthquake Seismology
260207	Radiometrics	040207	Radiometrics
260299	Geophysics not elsewhere classified	040299	Geophysics n.e.c.
260300	GEOCHEMISTRY		
260301	Geochronology and Isotope Geochemistry	040301	Geochronology and Isotope Geochemistry
260302	Exploration Geochemistry	040302	Exploration Geochemistry
260303	Organic Geochemistry not elsewhere classified	040303	Organic Geochemistry n.e.c.
260304	Inorganic Geochemistry not elsewhere classified	040304	Inorganic Geochemistry n.e.c.
260399	Geochemistry not elsewhere classified	040399	Geochemistry n.e.c.
260400	OCEANOGRAPHY		
260401	Biological Oceanography	040401	Biological Oceanography
260402	Chemical Oceanography	040402	Chemical Oceanography
260403	Physical Oceanography	040403	Physical Oceanography
260499	Oceanography not elsewhere classified	040499	Oceanography n.e.c.
260500	HYDROLOGY		
260501	Groundwater Hydrology	040501	Groundwater Hydrology
260502	Surfacewater Hydrology	040502	Surfacewater Hydrology
260599	Hydrology not elsewhere classified	040599	Hydrology n.e.c.

260600	ATMOSPHERIC SCIENCES		
260601	Meteorology	040601	Meteorology
260602	Climatology (incl. Palaeoclimatology)	040602	Climatology (incl. Palaeoclimatology)
260603	Ionospheric and Magnetospheric Physics	040603	Ionospheric and Magnetospheric Physics
260699	Atmospheric Sciences not elsewhere classified	040699	Atmospheric Sciences n.e.c.
269900	OTHER EARTH SCIENCES		
269901	Physical Geography	049901	Physical Geography
269999	Earth Sciences not elsewhere classified	049999 *p*	Earth Sciences n.e.c.

DIVISION 270000 BIOLOGICAL SCIENCES

270100	BIOCHEMISTRY AND CELL BIOLOGY		
270101	Analytical Biochemistry	080101	Biochemistry of Nucleic Acids
		080102 *p*	Biochemistry of Proteins and Peptides
		080103	Biochemistry of Carbohydrates
		080104	Biochemistry of Lipids
270102	Cell Metabolism	080207 *p*	Molecular Cell Biology
270103	Protein Targeting and Signal Transduction	080102 *p*	Biochemistry of Proteins and Peptides
270104	Membrane Biology	089902 *p*	Cell Structure and Membrane Biology
270105	Cellular Interactions (incl. Adhesion, Matrix, Cell Wall)	080207 *p*	Molecular Cell Biology
270106	Cell Development (incl. Cell Division and Apoptosis)	080207 *p*	Molecular Cell Biology
270107	Cell Neurochemistry	080207 *p*	Molecular Cell Biology
270108	Enzymes	080102 *p*	Biochemistry of Proteins and Peptides
270199	Biochemistry and Cell Biology not elsewhere classified	080105	Biosynthetic Pathways
		080199	Biochemistry n.e.c.
		089902 *p*	Cell Structure and Membrane Biology
270200	GENETICS		
270201	Gene Expression	080201 *p*	Molecular Genetics
270202	Genome Structure	080201 *p*	Molecular Genetics
270203	Population and Ecological Genetics	080203	Population Genetics
270204	Anthropological Genetics	080299 *p*	Genetics, Molecular Biology and Biotechnology n.e.c.
270205	Genetic Development (incl. Sex Determination)	080201 *p*	Molecular Genetics
270206	Genetic Immunology	080201 *p*	Molecular Genetics
270207	Quantitative Genetics	080299 *p*	Genetics, Molecular Biology and Biotechnology n.e.c.
270208	Molecular Evolution	080201 *p*	Molecular Genetics
270209	Meiosis and Recombination	080299 *p*	Genetics, Molecular Biology and Biotechnology n.e.c.
270210	Neurogenetics	080299 *p*	Genetics, Molecular Biology and Biotechnology n.e.c.
270299	Genetics not elsewhere classified	080202	Cytogenetics
		080299 *p*	Genetics, Molecular Biology and Biotechnology n.e.c.
270300	MICROBIOLOGY		
270301	Bacteriology	080301	Bacteriology
270302	Archaebacteriology	080399 *p*	Microbiology n.e.c.
270303	Virology	080303	Virology
270304	Infectious Agents	080399 *p*	Microbiology n.e.c.
270305	Mycology	080403	Mycology
270306	Microbial Genetics	080399 *p*	Microbiology n.e.c.
270307	Microbial Ecology	080399 *p*	Microbiology n.e.c.
270308	Microbial Systematics, Taxonomy and Phylogeny	080399 *p*	Microbiology n.e.c.
270399	Microbiology not elsewhere classified	080302	Parasitology
		080399 *p*	Microbiology n.e.c.

270400   BOTANY
270401   Plant Systematics, Taxonomy and Phylogeny   080401   Plant Taxonomy
                                                            080499 *p*   Botany n.e.c.
270402   Plant Physiology   080402   Plant Physiology
270403   Plant Pathology   080404   Plant Pathology
270404   Phycology   080405   Phycology
270499   Botany not elsewhere classified   080499 *p*   Botany n.e.c.

270500   ZOOLOGY
270501   Animal Systematics, Taxonomy and   080501   Animal Taxonomy
         Phylogeny   080599 *p*   Zoology n.e.c.
270502   Neurobiology   080502   Neurobiology
270503   Animal Anatomy and Histology   080505   Anatomy and Histology
270504   Invertebrate Biology   080507   Entomology
                                                            080599 *p*   Zoology n.e.c.
270599   Zoology not elsewhere classified   080504   Immunology
                                                            080506   Ethology
                                                            080599 *p*   Zoology n.e.c.

270600   PHYSIOLOGY
270601   Animal Physiology—Biophysics   080503 *p*   Physiology
270602   Animal Physiology—Cell   080503 *p*   Physiology
270603   Animal Physiology—Systems   080503 *p*   Physiology
270604   Comparative Physiology   100504   Comparative Physiology
270699   Physiology not elsewhere classified   080503 *p*   Physiology

270700   ECOLOGY AND EVOLUTION
270701   Freshwater Ecology   080601   Freshwater Ecology (excl. Limnology)
                                                            080602   Limnology
270702   Marine and Estuarine Ecology (incl. Marine   080603   Marine Ecology
         Ichthyology)   089903   Marine Biology (incl. Marine Ichthyology)
270703   Terrestrial Ecology   080604   Terrestrial Ecology
270704   Landscape Ecology   080699 *p*   Ecology n.e.c.
270705   Palaeoecology   080605   Palaeoecology
270706   Life Histories (incl. Population Ecology)   089901 *p*   Evolutionary Biology
270707   Sociobiology and Behavioural Ecology   080699 *p*   Ecology n.e.c.
270708   Conservation and Biodiversity   080699 *p*   Ecology n.e.c.
270709   Biogeography   080699 *p*   Ecology n.e.c.
270799   Ecology and Evolution not elsewhere   080699 *p*   Ecology n.e.c.
         classified   089901 *p*   Evolutionary Biology

270800	BIOTECHNOLOGY		
270801	Gene Therapy	080299 *p*	Genetics, Molecular Biology and Biotechnology n.e.c.
270802	Diagnostic Applications	080299 *p*	Genetics, Molecular Biology and Biotechnology n.e.c.
270803	Transgenesis	080299 *p*	Genetics, Molecular Biology and Biotechnology n.e.c.
270804	Genetic Technologies: Transformation, Site-directed Mutagenesis, etc.	080299 *p*	Genetics, Molecular Biology and Biotechnology n.e.c.
270805	Genetic Engineering and Enzyme Technology	080204	Genetic Engineering: Gene Probes
		080205	Genetic Engineering: Recombinant DNA Techniques
		080206	Genetic Engineering n.e.c.
270899	Biotechnology not elsewhere classified	080299 *p*	Genetics, Molecular Biology and Biotechnology n.e.c.
279900	OTHER BIOLOGICAL SCIENCES		
279901	Global Change Biology	089999 *p*	Biological Sciences n.e.c.
279999	Biological Sciences not elsewhere classified	089999 *p*	Biological Sciences n.e.c.

DIVISION 280000 INFORMATION, COMPUTING AND COMMUNICATION SCIENCES

280100	INFORMATION SYSTEMS		
280101	Information Systems Organisation	050101	Computer Systems Organisation
280102	Information Systems Management	050102	Information Systems Management
280103	Information Storage, Retrieval and Management	050199 *p*	Information Systems and Technologies n.e.c.
280104	Computer-Human Interaction	059902	Computer-Human Interface
280105	Interfaces and Presentation (excl. Computer-Human Interaction)	050199 *p*	Information Systems and Technologies n.e.c.
280106	Interorganisational Information Systems	050199 *p*	Information Systems and Technologies n.e.c.
280107	Global Information Systems	050199 *p*	Information Systems and Technologies n.e.c.
280108	Database Management	050199 *p*	Information Systems and Technologies n.e.c.
280109	Decision Support and Group Support Systems	050199 *p*	Information Systems and Technologies n.e.c.
280110	Systems Theory	050199 *p*	Information Systems and Technologies n.e.c.
280111	Conceptual Modelling	050199 *p*	Information Systems and Technologies n.e.c.
280112	Information Systems Development Methodologies	050199 *p*	Information Systems and Technologies n.e.c.
280199	Information Systems not elsewhere classified	050104 *p*	Parallel Processing and Architecture
		050199 *p*	Information Systems and Technologies n.e.c.
280200	ARTIFICIAL INTELLIGENCE AND SIGNAL AND IMAGE PROCESSING		
280201	Expert Systems	050103 *p*	Artificial Intelligence and Expert Systems
280202	Computer Graphics	050105	Computer Graphics
280203	Image Processing	050106	Image Processing
280204	Signal Processing	050199 *p*	Information Systems and Technologies n.e.c.
280205	Text Processing	050199 *p*	Information Systems and Technologies n.e.c.
280206	Speech Recognition	050107	Speech Recognition
280207	Pattern Recognition	050103 *p*	Artificial Intelligence and Expert Systems
280208	Computer Vision	050103 *p*	Artificial Intelligence and Expert Systems
280209	Intelligent Robotics	050103 *p*	Artificial Intelligence and Expert Systems
280210	Simulation and Modelling	050103 *p*	Artificial Intelligence and Expert Systems
280211	Virtual Reality and Related Simulation	059903	Virtual Reality and Related Simulation
280212	Neural Networks, Genetic Algorithms and Fuzzy Logic	050103 *p*	Artificial Intelligence and Expert Systems
280213	Other Artificial Intelligence	050103 *p*	Artificial Intelligence and Expert Systems
280300	COMPUTER SOFTWARE		
280301	Programming Techniques	050301	Programming Techniques
280302	Software Engineering	050302	Software Engineering
280303	Programming Languages	050303	Programming Languages
280304	Operating Systems	050304	Operating Systems
280305	Multimedia Programming	050399 *p*	Computer Software n.e.c.
280399	Computer Software not elsewhere classified	050399 *p*	Computer Software n.e.c.

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280400	COMPUTATION THEORY AND MATHEMATICS		
280401	Analysis of Algorithms and Complexity	059901 *p*	Mathematics of Computing
280402	Mathematical Logic and Formal Languages	059901 *p*	Mathematics of Computing
280403	Logics and Meanings of Programs	059901 *p*	Mathematics of Computing
280404	Numerical Analysis	059901 *p*	Mathematics of Computing
280405	Discrete Mathematics	059901 *p*	Mathematics of Computing
280406	Mathematical Software	059901 *p*	Mathematics of Computing
280499	Computation Theory and Mathematics not elsewhere classified	059901 *p*	Mathematics of Computing
280500	DATA FORMAT		
280501	Data Structures	050199 *p*	Information Systems and Technologies n.e.c.
280502	Data Storage Representations	050199 *p*	Information Systems and Technologies n.e.c.
280503	Files	050199 *p*	Information Systems and Technologies n.e.c.
280504	Data Encryption	050199 *p*	Information Systems and Technologies n.e.c.
280505	Data Security	050199 *p*	Information Systems and Technologies n.e.c.
280506	Coding and Information Theory	050199 *p*	Information Systems and Technologies n.e.c.
280599	Data Format not elsewhere classified	050199 *p*	Information Systems and Technologies n.e.c.
289900	OTHER INFORMATION, COMPUTING AND COMMUNICATION SCIENCES		
289999	Other Information, Computing and Communication Sciences	059999	Information, Computer and Communication Technologies n.e.c.

DIVISION 290000 ENGINEERING AND TECHNOLOGY

290100	INDUSTRIAL BIOTECHNOLOGY AND FOOD SCIENCES			
290101	Fermentation, Biotechnology and Industrial Microbiology	060301		Fermentation, Biotechnology and Industrial Microbiology
290102	Food Engineering	060304		Food Engineering
290103	Food Processing	060305		Food Processing
290104	Other Food Sciences	060399	*p*	Industrial Biotechnology and Food Sciences n.e.c.
290105	Other Industrial Biotechnology	060399	*p*	Industrial Biotechnology and Food Sciences n.e.c.
290200	AEROSPACE ENGINEERING			
290201	Aerodynamics	060102	*p*	Aeronautical Engineering
290202	Flight Dynamics	060102	*p*	Aeronautical Engineering
290203	Aerospace Structures	060102	*p*	Aeronautical Engineering
290204	Aircraft Performance	060102	*p*	Aeronautical Engineering
290205	Flight Control Systems	060101	*p*	Avionics
		060102	*p*	Aeronautical Engineering
290206	Aerospace Electrical Systems	060101	*p*	Avionics
290207	Satellite, Space Vehicle and Missile Design	060104		Satellite Technology
290299	Aerospace Engineering not elsewhere classified	060102	*p*	Aeronautical Engineering
		060199		Aerospace Technologies and Engineering n.e.c.
290300	MANUFACTURING ENGINEERING			
290301	Robotics and Mechatronics	060201		Robotics and Mechatronics
290302	Flexible Manufacturing Systems	060202		Flexible Manufacturing Systems
290303	CAD/CAM Systems	060203		CAD/CAM Systems
290304	Control Engineering	060204		Control Engineering
290305	Welding Technology	060205		Welding Sciences
290306	Textile Technology	060206		Textile Technology
290307	Printing Technology	060299	*p*	Manufacturing and Process Technologies and Engineering n.e.c.
290308	Packaging, Storage and Transportation	060299	*p*	Manufacturing and Process Technologies and Engineering n.e.c.
		060302		Packaging, Storage and Transportation
290309	Safety and Quality	060299	*p*	Manufacturing and Process Technologies and Engineering n.e.c.
		060303		Safety and Quality
290399	Manufacturing Engineering not elsewhere classified	060299	*p*	Manufacturing and Process Technologies and Engineering n.e.c.
290400	AUTOMOTIVE ENGINEERING			
290401	Automotive Engineering	070101	*p*	Mechanical Engineering
		070102	*p*	Industrial Engineering
290500	MECHANICAL AND INDUSTRIAL ENGINEERING			
290501	Mechanical Engineering	070101	*p*	Mechanical Engineering
290502	Industrial Engineering	070102	*p*	Industrial Engineering

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290600 CHEMICAL ENGINEERING	
290601 Chemical Engineering Design	070201 Chemical Engineering Design
290602 Process Control and Simulation	070202 Process Control and Simulation
290603 Membrane and Separation Technologies	060207 Membrane and Separation Technologies
290699 Chemical Engineering not elsewhere classified	070299 Chemical Engineering n.e.c.
290700 RESOURCES ENGINEERING	
290701 Mining Engineering	070301 Mining Engineering
290702 Mineral Processing	070302 Mineral processing
290703 Petroleum and Reservoir Engineering	070303 Petroleum and Reservoir Engineering
290704 Geomechanics	070304 Geomechanics
290799 Resources Engineering not elsewhere classified	070399 Mining and Mineral Processing n.e.c.
290800 CIVIL ENGINEERING	
290801 Structural Engineering	070401 Structural Engineering
290802 Water and Sanitary Engineering	070403 Water and Sanitary Engineering
290803 Transport Engineering	070404 Transport Engineering
290804 Construction Engineering	070499 *p* Civil Engineering n.e.c.
290805 Geotechnical Engineering	070499 *p* Civil Engineering n.e.c.
290899 Civil Engineering not elsewhere classified	070499 *p* Civil Engineering n.e.c.
290900 ELECTRICAL AND ELECTRONIC ENGINEERING	
290901 Electrical Engineering	070501 Electrical Engineering (General)
290902 Integrated Circuits	050205 Integrated Circuits
290903 Other Electronic Engineering	070502 Electronic Engineering
291000 GEOMATIC ENGINEERING	
291001 Geodesy	079999 *p* General Engineering n.e.c.
291002 Surveying	070402 Surveying
291003 Photogrammetry and Remote Sensing	060103 Remote Sensing
291004 Spatial Information Systems	079999 *p* General Engineering n.e.c.
291005 Navigation and Position Fixing	079999 *p* General Engineering n.e.c.
291006 Cartography	079999 *p* General Engineering n.e.c.
291099 Geomatic Engineering not elsewhere classified	079999 *p* General Engineering n.e.c.
291100 ENVIRONMENTAL ENGINEERING	
291101 Environmental Engineering Modelling	079999 *p* General Engineering n.e.c.
291102 Bio-remediation	079999 *p* General Engineering n.e.c.
291103 Environmental Engineering Design	079999 *p* General Engineering n.e.c.
291104 Environmental Technologies	079999 *p* General Engineering n.e.c.
291199 Environmental Engineering not elsewhere classified	079999 *p* General Engineering n.e.c.

291200	MARITIME ENGINEERING			
291201	Naval Architecture	079999 *p*	General Engineering n.e.c.
291202	Ship and Platform Hydrodynamics	079999 *p*	General Engineering n.e.c.
291203	Ship and Platform Structures	079999 *p*	General Engineering n.e.c.
291204	Marine Engineering	079999 *p*	General Engineering n.e.c.
291205	Ocean Engineering	079999 *p*	General Engineering n.e.c.
291206	Special Vehicles	079999 *p*	General Engineering n.e.c.
291299	Maritime Engineering not elsewhere classified	079999 *p*	General Engineering n.e.c.
291300	METALLURGY		
291301	Process Metallurgy	060401	Pyrometallurgy
		060402	Hydrometallurgy
		060403	Extractive Metallurgy n.e.c.
291302	Physical Metallurgy	060404	Physical Metallurgy
291400	MATERIALS ENGINEERING		
291401	Polymers	060406	Polymer and Textile Compounds
291402	Composite Materials	060407	Composite Materials
291403	Alloy Materials	060408	Alloy Materials
291404	Ceramics	060405	Ceramics
291405	Timber	060499 *p*	Material Sciences and Technologies n.e.c.
291406	Pulp and Paper	060499 *p*	Material Sciences and Technologies n.e.c.
291407	Plastics	060499 *p*	Material Sciences and Technologies n.e.c.
291499	Materials Engineering not elsewhere classified	060409	Optical Materials
		060411	Superconducting Materials
		060499 *p*	Material Sciences and Technologies n.e.c.
291500	BIOMEDICAL ENGINEERING		
291501	Clinical Engineering	079901 *p*	Biomedical Engineering
291502	Rehabilitation Engineering	079901 *p*	Biomedical Engineering
291503	Biomaterials	060410	Biomaterials
291504	Biomechanical Engineering	079901 *p*	Biomedical Engineering
291599	Biomedical Engineering not elsewhere classified	079901 *p*	Biomedical Engineering
291600	COMPUTER HARDWARE		
291601	Arithmetic and Logic Structures	050201	Arithmetic and Logic Structures
291602	Memory Structures	050202	Memory Structures
291603	Input, Output and Data Devices	050203	Input, Output and Data Communications
291604	Logic Design	050204	Logic Design
291605	Processor Architectures	050104 *p*	Parallel Processing and Architecture
291699	Computer Hardware not elsewhere classified	050299	Computer Hardware n.e.c.

291700	COMMUNICATIONS TECHNOLOGIES		
291701	Antenna Technology	050401	Antenna Technology
291702	Optical and Photonic Systems	050402	Optical and Photonic Systems
291703	Digital Systems	050403	Digital Systems
291704	Computer Communications Networks	050499 *p*	Communication Technologies n.e.c.
291705	Microwave and Millimetrewave Technology	050405	Microwave and Millimetrewave Technology
291706	Broadband Network Technology	050499 *p*	Communication Technologies n.e.c.
291707	Modem Technology	050499 *p*	Communication Technologies n.e.c.
291708	Baseband Technology	050499 *p*	Communication Technologies n.e.c.
291709	Satellite Communications	050499 *p*	Communication Technologies n.e.c.
291710	Radio Communications and Broadcasting not elsewhere classified	050404	Radio Communications and Broadcasting n.e.c.
291799	Communications Technologies not elsewhere classified	050499 *p*	Communication Technologies n.e.c.

291800	INTERDISCIPLINARY ENGINEERING		
291801	Fluidization and Fluid Mechanics	070203	Fluidization and Fluid Mechanics
291802	Heat and Mass Transfer Operations	070204	Heat and Mass Transfer Operations
291803	Turbulent Flows	079999 *p*	General Engineering n.e.c.
291804	Nanotechnology	079999 *p*	General Engineering n.e.c.
291899	Interdisciplinary Engineering not elsewhere classified	079999 *p*	General Engineering n.e.c.

299900	OTHER ENGINEERING AND TECHNOLOGY		
299901	Agricultural Engineering	070405	Agricultural Engineering
299902	Combustion and Fuel Engineering	079903	Combustion and Fuel Engineering
299903	Biosensor Technologies	069903	Biosensor Technologies
299904	Engineering/Technology Instrumentation	079999 *p*	General Engineering n.e.c.
299999	Engineering and Technology not elsewhere classified	069902	Laser Technology
		069999 *p*	Applied Sciences and Technologies n.e.c.
		079902	Power Engineering
		079999 *p*	General Engineering n.e.c.

DIVISION 300000 AGRICULTURAL, VETERINARY AND ENVIRONMENTAL SCIENCES

300100	SOIL AND WATER SCIENCES		
300101	Soil Physics	090101	Soil Physics
300102	Soil Biology	090102	Soil Biology
300103	Soil Chemistry	090103	Soil Chemistry
300104	Land Capability and Soil Degradation	090104	Soil and Land Degradation
300105	Applied Hydrology (Drainage, Flooding, Irrigation, Quality, etc.)	090105	Applied Hydrology (Drainage, Flooding, Irrigation, Quality, etc.)
300199	Soil and Water Sciences not elsewhere classified	090199	Soil and Water Sciences n.e.c.

300200	CROP AND PASTURE PRODUCTION		
300201	Plant Biochemistry and Physiology	090201	Crop and Pasture Physiology
300202	Plant Nutrition	090202	Crop and Pasture Nutrition
300203	Plant Improvement (Selection, Breeding and Genetic Engineering)	090204	Plant Breeding
300204	Plant Protection (Pests, Diseases and Weeds)	090203	Crop and Pasture Pathology
		090205	Plant Protection (Pests and Pathogens)
		090208	Weed Sciences
300205	Agronomy	090206	Agronomy
300206	Post Harvest Technologies (Transportation and Storage)	090207	Post Harvest Technologies (Transportation and Storage)
300299	Crop and Pasture Production not elsewhere classified	090299	Crop and Pasture Production n.e.c.

300300	HORTICULTURE		
300301	Plant Improvement (Selection, Breeding and Genetic Engineering)	090301 *p*	Fruit Crops
		090302 *p*	Floriculture and Ornamental Horticulture
		090304 *p*	Vegetable Culture
		090399 *p*	Horticulture n.e.c.
300302	Plant Growth and Development	090301 *p*	Fruit Crops
		090302 *p*	Floriculture and Ornamental Horticulture
		090304 *p*	Vegetable Culture
		090399 *p*	Horticulture n.e.c.
300303	Plant Protection (Pests, Diseases and Weeds)	090301 *p*	Fruit Crops
		090302 *p*	Floriculture and Ornamental Horticulture
		090304 *p*	Vegetable Culture
		090399 *p*	Horticulture n.e.c.
300304	Post Harvest Technologies	090301 *p*	Fruit Crops
		090302 *p*	Floriculture and Ornamental Horticulture
		090304 *p*	Vegetable Culture
		090399 *p*	Horticulture n.e.c.
300305	Oenology and Viticulture	090303	Oenology and Viticulture
300399	Horticulture not elsewhere classified	090399 *p*	Horticulture n.e.c.

300400	ANIMAL PRODUCTION		
300401	Animal Breeding	090401	Animal Breeding
300402	Animal Reproduction	090402	Animal Reproduction
300403	Animal Nutrition	090403	Animal Nutrition
300404	Animal Husbandry	090404	Animal Husbandry
300405	Animal Protection (Pests and Pathogens)	090405	Animal Protection (Pests and Pathogens)
300406	Animal Growth and Development	090406	Animal Growth and Development
300499	Animal Production not elsewhere classified	090499	Animal Production n.e.c.

300500 VETERINARY SCIENCES

300501	Veterinary Medicine	090599	*p*	Veterinary Sciences n.e.c.
300502	Anaesthesiology and Intensive Care	090599	*p*	Veterinary Sciences n.e.c.
300503	Epidemiology	090501		Epidemiology
300504	Immunology	090599	*p*	Veterinary Sciences n.e.c.
300505	Anatomy and Physiology	090502		Physiology
		090599	*p*	Veterinary Sciences n.e.c.
300506	Pathology	090503		Pathology
300507	Microbiology (excl. Virology)	090504		Bacteriology
		090599	*p*	Veterinary Sciences n.e.c.
300508	Parasitology	090505		Parasitology
300509	Radiology and Imaging	090599	*p*	Veterinary Sciences n.e.c.
300510	Virology	090506		Virology
300511	Surgery	090507		Surgery
300512	Pharmacology	090508		Pharmacology
300599	Veterinary Sciences not elsewhere classified	090599	*p*	Veterinary Sciences n.e.c.

300600 FORESTRY SCIENCES

300601	Nutrition and Physiology	090699	*p*	Forestry Sciences n.e.c.
300602	Tree Improvement (Selection, Breeding and Genetic Engineering)	090601		Breeding
		090699	*p*	Forestry Sciences n.e.c.
300603	Pests, Health and Diseases	090602		Pests, Health and Diseases
300604	Management and Environment	090603		Management and Environment
300605	Fire Management	090604		Fire Management
300606	Agroforestry	090606		Agroforestry
300699	Forestry Sciences not elsewhere classified	090699	*p*	Forestry Sciences n.e.c.

300700 FISHERIES SCIENCES

300701	Physiology and Genetics	090701	*p*	Marine Fisheries
		090703	*p*	Inland Water Fisheries and Aquaculture
		090799	*p*	Fisheries Sciences n.e.c.
300702	Pests and Diseases	090701	*p*	Marine Fisheries
		090703	*p*	Inland Water Fisheries and Aquaculture
		090799	*p*	Fisheries Sciences n.e.c.
300703	Aquaculture	090702		Marine Aquaculture
		090703	*p*	Inland Water Fisheries and Aquaculture
300704	Ecosystem Studies and Stock Assessment	090701	*p*	Marine Fisheries
		090703	*p*	Inland Water Fisheries and Aquaculture
		090799	*p*	Fisheries Sciences n.e.c.
300705	Evaluation of Management Strategies	090701	*p*	Marine Fisheries
		090703	*p*	Inland Water Fisheries and Aquaculture
		090799	*p*	Fisheries Sciences n.e.c.
300799	Fisheries Sciences not elsewhere classified	090701	*p*	Marine Fisheries
		090703	*p*	Inland Water Fisheries and Aquaculture
		090799	*p*	Fisheries Sciences n.e.c.

300800 ENVIRONMENTAL SCIENCES

300801	Environmental Management and Rehabilitation	049902		Environmental Management and Rehabilitation
300802	Wildlife and Habitat Management	090605		Wildlife and Habitat Management
300803	Natural Resource Management	049999	*p*	Earth Sciences n.e.c.
300804	Environmental Impact Assessment	049999	*p*	Earth Sciences n.e.c.
300805	Conservation	049999	*p*	Earth Sciences n.e.c.
300899	Environmental Sciences not elsewhere classified	049999	*p*	Earth Sciences n.e.c.

300900   LAND, PARKS AND AGRICULTURE
MANAGEMENT

300901	Farm Management, Rural Management and Agribusiness	099902 *p*	Agricultural Systems and Farm Management
300902	Land and Parks Management	099999 *p*	Agricultural Sciences n.e.c.
300903	Sustainable Development	099902 *p*	Agricultural Systems and Farm Management
300999	Land, Parks and Agriculture Management not elsewhere classified	099999 *p*	Agricultural Sciences n.e.c.

309900   OTHER AGRICULTURAL, VETERINARY
AND ENVIRONMENTAL SCIENCES

309901	Fertilisers and Agrochemicals (Application etc.)	099901	Fertilisers and Agrochemicals (Application etc.)
309902	Education and Extension	099999 *p*	Agricultural Sciences n.e.c.
309999	Agricultural, Veterinary and Environmental Sciences not elsewhere classified	099999 *p*	Agricultural Sciences n.e.c.

(p = partial match)

DIVISION 310000 ARCHITECTURE, URBAN ENVIRONMENT AND BUILDING

310100	ARCHITECTURE AND URBAN ENVIRONMENT		
310101	Architecture	110501	Architecture
310102	Heritage and Conservation	110503	Heritage and Conservation
310103	Urban and Regional Planning	110502	Urban Planning
310104	Landscape Planning	110599 *p*	Architecture and Urban Environment n.e.c.
310105	History of the Built Environment	110599 *p*	Architecture and Urban Environment n.e.c.
310106	Interior and Environmental Design	110599 *p*	Architecture and Urban Environment n.e.c.
310199	Architecture and Urban Environment not elsewhere classified	110599 *p*	Architecture and Urban Environment n.e.c.
310200	BUILDING		
310201	Building Science and Techniques	069901	Building Science
310202	Building Construction Management	069999 *p*	Applied Sciences and Technologies n.e.c.
310203	Building Construction Economics (incl. Quantity Surveying)	069999 *p*	Applied Sciences and Technologies n.e.c.
310299	Building not elsewhere classified	069999 *p*	Applied Sciences and Technologies n.e.c.
319900	OTHER ARCHITECTURE, URBAN ENVIRONMENT AND BUILDING		
319999	Other Architecture, Urban Environment and Building	069999 *p*	Applied Sciences and Technologies n.e.c.

DIVISION 320000 MEDICAL AND HEALTH SCIENCES

320100   MEDICINE—GENERAL

320200	IMMUNOLOGY		
320201	Allergy	100101	Allergy
320202	Cellular Immunology	100102	Cellular Immunology
320203	Humoral Immunology and Immunochemistry	100103	Humoral Immunology and Immunochemistry
320204	Immunogenetics	100104	Immunogenetics
320205	Transplantation Immunology	100105	Transplantation Immunology
320206	Tumor Immunology	100106	Tumor Immunology
320207	Autoimmunity	100199 *p*	Immunology n.e.c.
320299	Immunology not elsewhere classified	100199 *p*	Immunology n.e.c.
320300	MEDICAL BIOCHEMISTRY AND CLINICAL CHEMISTRY		
320301	Clinical Chemistry	100201	Clinical Chemistry
320302	Medical Biochemistry: Carbohydrates	100202	Medical Biochemistry: Carbohydrates
320303	Medical Biochemistry: Lipids	100203	Medical Biochemistry: Lipids
320304	Medical Biochemistry: Nucleic Acids	100204	Medical Biochemistry: Nucleic Acids
320305	Medical Biochemistry: Proteins and Peptides	100205	Medical Biochemistry: Proteins and Peptides
320306	Medical Biochemistry: Phospholipids	100299 *p*	Medical Biochemistry and Clinical Chemistry n.e.c.
320307	Medical Biochemistry: Other	100299 *p*	Medical Biochemistry and Clinical Chemistry n.e.c.
320400	MEDICAL MICROBIOLOGY		
320401	Medical Bacteriology	100301	Bacteriology
320402	Medical Virology	100303	Virology
320403	Medical Infection Agents (incl. Prions)	100399 *p*	Medical Microbiology n.e.c.
320404	Medical Mycology	100399 *p*	Medical Microbiology n.e.c.
320405	Medical Parasitology	100302	Parasitology
320499	Medical Microbiology not elsewhere classified	100399 *p*	Medical Microbiology n.e.c.
320500	PHARMACOLOGY AND PHARMACEUTICAL SCIENCES		
320501	Pharmaceutical Sciences and Pharmacy	100499 *p*	Pharmacology n.e.c.
320502	Basic Pharmacology	100401	Basic Pharmacology
320503	Clinical Pharmacology and Therapeutics	100402	Clinical Pharmacology and Therapeutics
320504	Toxicology (incl. Clinical Toxicology)	100403	Toxicology
320599	Pharmacology not elsewhere classified	100499 *p*	Pharmacology n.e.c.
320600	MEDICAL PHYSIOLOGY		
320601	Human Biophysics	100501	Human Biophysics
320602	Cell Physiology	100502	Cell Physiology
320603	Systems Physiology	100503	Systems Physiology
320699	Medical Physiology not elsewhere classified	100599	Physiology n.e.c.

320700	NEUROSCIENCES			
320701	Autonomic Nervous System	100601		Autonomic Nervous System
320702	Central Nervous System	100602		Central Nervous System
320703	Peripheral Nervous System	100603		Peripheral Nervous System
320704	Cellular Nervous System	100604		Cellular Nervous System
320705	Sensory Systems	100605		Sensory Systems
320799	Neurosciences not elsewhere classified	100699		Neurosciences n.e.c.
320800	DENTISTRY			
320801	Oral Surgery	100704	*p*	Dentistry and Oral Surgery
320802	Dentistry Support	100704	*p*	Dentistry and Oral Surgery
320803	Dental Technology	100704	*p*	Dentistry and Oral Surgery
320804	Dental Therapy	100704	*p*	Dentistry and Oral Surgery
320899	Dentistry not elsewhere classified	100704	*p*	Dentistry and Oral Surgery
320900	OPTOMETRY			
320901	Optical Technology	100717	*p*	Opthalmology and Optometry
320999	Optometry not elsewhere classified	100717	*p*	Opthalmology and Optometry

321000	CLINICAL SCIENCES			
321001	Anaesthesiology	100701		Anaesthesiology
321002	Dermatology	100702		Dermatology
321003	Cardiology (incl. Cardiovascular Diseases)	100703		Cardiology
321004	Endocrinology	100705		Endocrinology
321005	Fetal Development and Medicine	100706		Foetal Development and Medicine
321006	Gastroenterology and Hepatology	100707		Gastroenterology and Hepatology
321007	Geriatrics and Gerontology	100708		Geriatrics
321008	Haematology	100709		Haematology
321009	Intensive Care	100710		Intensive Care
321010	Infectious Diseases	100711		Infectious Diseases
321011	Medical Genetics	100712		Medical Genetics
321012	Nephrology and Urology	100713		Nephrology and Urology
321013	Neurology and Neuromuscular Diseases	100714		Neurology and Neuromuscular Diseases
321014	Obstetrics and Gynaecology	100715		Obstetrics and Gynaecology
321015	Oncology and Carcinogenesis	100716		Oncology and Carcinogenesis
321016	Opthalmology and Vision Science	100717	*p*	Opthalmology and Optometry
321017	Orthopaedics	100718		Orthopaedics
321018	Otorhinolaryngology	100719		Otolaryngology
321019	Paediatrics	100720	*p*	Paediatrics and Child Health
321020	Pathology	100721		Pathology
321021	Psychiatry	100722		Psychiatry
321022	Radiology and Organ Imaging	100724		Radiology and Organ Imaging
321023	Radiotherapy and Nuclear Medicine	100725		Radiotherapy and Nuclear Medicine
321024	Rehabilitation and Therapy: Occupational and Physical	100726		Rehabilitation and Therapy: Occupational and Physical
321025	Rehabilitation and Therapy: Hearing and Speech	100727		Rehabilitation and Therapy: Hearing and Speech
321026	Reproduction	100728		Reproduction
321027	Respiratory Diseases	100729		Respiratory Diseases
321028	Rheumatology and Arthritis	100730		Rheumatology and Arthritis
321029	Surgery	100731		Surgery
321030	Venereology	100732		Venereology
321099	Clinical Sciences not elsewhere classified	100799		Clinical Sciences n.e.c.
321100	NURSING			
321101	Midwifery	100905	*p*	Nursing
321102	Clinical Nursing: Primary (Preventative)	100905	*p*	Nursing
321103	Clinical Nursing: Secondary (Acute Care)	100905	*p*	Nursing
321104	Clinical Nursing: Tertiary (Rehabilitative)	100905	*p*	Nursing
321105	Mental Health Nursing	100905	*p*	Nursing
321106	Aged Care Nursing	100905	*p*	Nursing
321199	Nursing not elsewhere classified	100905	*p*	Nursing

(p = partial match)

321200	PUBLIC HEALTH AND HEALTH SERVICES		
321201	Environmental and Occupational Health and Safety	100801	Environmental and Occupational Health and Safety
321202	Epidemiology	100802 *p*	Epidemiology and Health Information Systems
321203	Health Information Systems (incl. Surveillance)	100802 *p*	Epidemiology and Health Information Systems
321204	Mental Health	100803	Mental Health
321205	Nutrition and Dietetics	100804	Nutrition
321206	Preventive Medicine	100805	Preventive Medicine
321207	Indigenous Health	100899 *p*	Public Health Research n.e.c.
321208	Primary Health Care	100806	Primary Health Care
321209	Family Care	100899 *p*	Public Health Research n.e.c.
321210	Community Child Health	100720 *p*	Paediatrics and Child Health
321211	Residential Client Care	100899 *p*	Public Health Research n.e.c.
321212	Care for Disabled	100899 *p*	Public Health Research n.e.c.
321213	Human Bioethics	100901	Human Bioethics
321214	Health and Community Services	100902	Health and Community Services Research and Evaluation
321215	Health Care Administration	100903	Health Care Administration
321216	Health Promotion	100904 *p*	Health Education and Promotion
321217	Health Counselling	100999 *p*	Health Services Research n.e.c.
321299	Public Health and Health Services not elsewhere classified	100899 *p* 100904 *p* 100999 *p*	Public Health Research n.e.c. Health Education and Promotion Health Services Research n.e.c.
321300	COMPLEMENTARY/ALTERNATIVE MEDICINE		
321301	Oriental Medicine and Treatments	109999 *p*	Medical and Health Sciences n.e.c.
321302	Chiropractic	109999 *p*	Medical and Health Sciences n.e.c.
321303	Naturopathy	109999 *p*	Medical and Health Sciences n.e.c.
321399	Complementary/Alternative Medicine not elsewhere classified	109999 *p*	Medical and Health Sciences n.e.c.
321400	HUMAN MOVEMENT AND SPORTS SCIENCE		
321401	Exercise Physiology	109999 *p*	Medical and Health Sciences n.e.c.
321402	Biomechanics	109901	Biomechanics
321403	Motor Control	109999 *p*	Medical and Health Sciences n.e.c.
321404	Sport and Exercise Psychology	109999 *p*	Medical and Health Sciences n.e.c.
321405	Sports Medicine	109999 *p*	Medical and Health Sciences n.e.c.
321499	Human Movement and Sports Science not elsewhere classified	109999 *p*	Medical and Health Sciences n.e.c.
329900	OTHER MEDICAL AND HEALTH SCIENCES		
329901	Podiatry	109999 *p*	Medical and Health Sciences n.e.c.
329902	Medical Biotechnology	109902	Medical Biotechnology
329903	Therapies and Therapeutic Technology	109999 *p*	Medical and Health Sciences n.e.c.
329999	Medical and Health Sciences not elsewhere classified	109999 *p*	Medical and Health Sciences n.e.c.

DIVISION 330000 EDUCATION

330100	EDUCATION STUDIES			
330101	Educational Psychology	111301	*p*	Educational Psychology and Curriculum Development
330102	History and Philosophy of Education	111302		History and Philosophy of Education
330103	Sociology of Education	111303		Sociology of Education
330104	Educational Policy, Administration and Management	111306		Educational Administration and Theory
330105	Educational Counselling	111399	*p*	Education n.e.c.
330106	Comparative Education	111399	*p*	Education n.e.c.
330107	Educational Technology and Media	111399	*p*	Education n.e.c.
330108	Special Education	111399	*p*	Education n.e.c.
330109	Assessment and Evaluation	111399	*p*	Education n.e.c.
330199	Education Studies not elsewhere classified	111399	*p*	Education n.e.c.
330200	CURRICULUM STUDIES			
330201	Curriculum Studies: English Education	111304	*p*	Post Secondary Education
		111399	*p*	Education n.e.c.
330202	Curriculum Studies: Mathematics Education	111304	*p*	Post Secondary Education
		111399	*p*	Education n.e.c.
330203	Curriculum Studies: Science Education	111304	*p*	Post Secondary Education
		111399	*p*	Education n.e.c.
330204	Curriculum Studies: Economics, Commerce, Management and Services Education	111304	*p*	Post Secondary Education
		111399	*p*	Education n.e.c.
330205	Curriculum Studies: Other Social Sciences, Humanities and Arts Education	111304	*p*	Post Secondary Education
		111399	*p*	Education n.e.c.
330206	Curriculum Theory and Development	111301	*p*	Educational Psychology and Curriculum Development
330299	Curriculum Studies not elsewhere classified	111304	*p*	Post Secondary Education
		111399	*p*	Education n.e.c.
330300	PROFESSIONAL DEVELOPMENT OF TEACHERS			
330301	Teacher Education: Early Childhood	111305	*p*	Teacher Education
330302	Teacher Education: Primary	111305	*p*	Teacher Education
330303	Teacher Education: Secondary	111305	*p*	Teacher Education
330304	Teacher Education: Vocational Education and Training	111305	*p*	Teacher Education
330305	Teacher Education: Higher Education	111305	*p*	Teacher Education
330306	Teacher Education: Special Education	111305	*p*	Teacher Education
330307	Teacher Education: Nursing and Health	111305	*p*	Teacher Education
330399	Professional Development of Teachers not elsewhere classified	111305	*p*	Teacher Education
339900	OTHER EDUCATION			
339999	Other Education	111399	*p*	Education n.e.c.

DIVISION 340000 ECONOMICS

RFCD		FOR		
340100	ECONOMIC THEORY			
340101	Microeconomic Theory	110201 *p*	Economic Theory	
340102	Macroeconomic Theory	110201 *p*	Economic Theory	
340103	Mathematical Economics	110201 *p*	Economic Theory	
340199	Economic Theory not elsewhere classified	110201 *p*	Economic Theory	
340200	APPLIED ECONOMICS			
340201	Agricultural Economics	110209	Agricultural Economics	
340202	Environment and Resource Economics	110208 *p*	Industry and Resource Economics	
		110212	Environment Economics	
340203	Finance Economics	110299 *p*	Economics n.e.c.	
340204	Health Economics	110206	Health Economics	
340205	Industry Economics and Industrial Organisation	110208 *p*	Industry and Resource Economics	
340206	International Economics and International Finance	110203	International Economics	
340207	Labour Economics	110207	Labour Economics	
340208	Macroeconomics (incl. Monetary and Fiscal Theory)	110204	Monetary and Fiscal Theory	
340209	Public Sector Economics	110299 *p*	Economics n.e.c.	
340210	Welfare Economics	110205	Welfare Economics	
340211	Transport Economics	110299 *p*	Economics n.e.c.	
340212	Economic Geography	110901	Economic Geography	
340213	Economic Development and Growth	110299 *p*	Economics n.e.c.	
340214	Urban and Regional Economics	110299 *p*	Economics n.e.c.	
340299	Applied Economics not elsewhere classified	110299 *p*	Economics n.e.c.	
340300	ECONOMIC HISTORY AND HISTORY OF ECONOMIC THOUGHT			
340301	Economic History	110202 *p*	Economic History and Political Economy	
340302	History of Economic Thought	110299 *p*	Economics n.e.c.	
340400	ECONOMETRICS			
340401	Economic Models and Forecasting	110211	Economic Models and Forecasting	
340402	Econometric and Statistical Methods	110210 *p*	Econometrics	
340403	Time-Series Analysis	110210 *p*	Econometrics	
340404	Cross-Sectional Analysis	110210 *p*	Econometrics	
340405	Panel Data Analysis	110210 *p*	Econometrics	
340499	Econometrics not elsewhere classified	110210 *p*	Econometrics	
349900	OTHER ECONOMICS			
349901	Political Economy	110202 *p*	Economic History and Political Economy	
349902	Comparative Economic Systems	110299 *p*	Economics n.e.c.	
349999	Economics not elsewhere classified	110299 *p*	Economics n.e.c.	

RFCD	FOR

DIVISION 350000 COMMERCE, MANAGEMENT, TOURISM AND SERVICES

350100	ACCOUNTING, AUDITING AND ACCOUNTABILITY			
350101	Financial Accounting	110101	*p*	Financial and Management Accounting
350102	Management Accounting	110101	*p*	Financial and Management Accounting
350103	Auditing and Accountability	110102		Auditing and Accountability
350104	Taxation	110199	*p*	Accounting and Finance n.e.c.
350105	Bookkeeping	110199	*p*	Accounting and Finance n.e.c.
350106	International Accounting	110199	*p*	Accounting and Finance n.e.c.
350107	Other Accounting	110199	*p*	Accounting and Finance n.e.c.

350200	BUSINESS AND MANAGEMENT			
350201	Human Resources Management	110301	*p*	Business Management
350202	Business Information Systems (incl. Data Processing)	110399	*p*	Business Studies n.e.c.
350203	Industrial Relations	110302		Industrial Relations
350204	Marketing and Market Research	110303		Marketing
		110399	*p*	Business Studies n.e.c.
350205	Sales and Distribution	110399	*p*	Business Studies n.e.c.
350206	Advertising and Public Relations	110399	*p*	Business Studies n.e.c.
350207	Office Services	110399	*p*	Business Studies n.e.c.
350208	Organisational Planning and Management	110301	*p*	Business Management
350209	Small Business Management	110301	*p*	Business Management
350210	Quality Management	110301	*p*	Business Management
350211	Innovation and Technology Management	110301	*p*	Business Management
350212	International Business	110399	*p*	Business Studies n.e.c.
350213	Electronic Commerce	110399	*p*	Business Studies n.e.c.
350299	Business and Management not elsewhere classified	110399	*p*	Business Studies n.e.c.

350300	BANKING, FINANCE AND INVESTMENT			
350301	Finance	110103		Finance
350302	Financial Econometrics	110199	*p*	Accounting and Finance n.e.c.
350303	Financial Institutions (incl. Banking)	110199	*p*	Accounting and Finance n.e.c.
350304	Insurance Studies	110199	*p*	Accounting and Finance n.e.c.
350399	Banking, Finance and Investment not elsewhere classified	110199	*p*	Accounting and Finance n.e.c.

350400	TRANSPORTATION			
350401	Aeronautical Transportation	119999	*p*	Other Social Sciences
350402	Aircrew Training	119999	*p*	Other Social Sciences
350403	Nautical Transportation	119999	*p*	Other Social Sciences
350404	Marine Crew Training	119999	*p*	Other Social Sciences
350405	Road and Rail Transportation	119999	*p*	Other Social Sciences
350499	Transportation not elsewhere classified	119999	*p*	Other Social Sciences

350500	TOURISM			
350501	Tourism Policy and Planning	119999	*p*	Other Social Sciences
350502	Tourism Resource Appraisal	119999	*p*	Other Social Sciences
350503	Impacts of Tourism	119999	*p*	Other Social Sciences
350504	Tourist Behaviour	119999	*p*	Other Social Sciences
350505	Tourism Economics	119999	*p*	Other Social Sciences
350506	Tourism Forecasting	119999	*p*	Other Social Sciences
350507	Tourism Management	119999	*p*	Other Social Sciences
350508	Tourism Marketing	119999	*p*	Other Social Sciences
350599	Tourism not elsewhere classified	119999	*p*	Other Social Sciences
350600	SERVICES			
350601	Hospitality Management	119999	*p*	Other Social Sciences
350602	Food and Hospitality Services	119999	*p*	Other Social Sciences
350603	Real Estate and Valuation	119999	*p*	Other Social Sciences
350604	Professional Services (Legal, Management Consulting, etc.)	119999	*p*	Other Social Sciences
350605	Other Retail Services	119999	*p*	Other Social Sciences
350606	Wholesale Services	119999	*p*	Other Social Sciences
350699	Services not elsewhere classified	119999	*p*	Other Social Sciences
359900	OTHER COMMERCE, MANAGEMENT, TOURISM AND SERVICES			
359999	Other Commerce, Management, Tourism and Services	119999	*p*	Other Social Sciences

(p = partial match)

DIVISION 360000 POLICY AND POLITICAL SCIENCE

360100	POLITICAL SCIENCE		
360101	Australian Government and Politics	110401 *p*	Political Science
360102	Comparative Government and Politics	110401 *p*	Political Science
360103	Federalism and Intergovernmental Relations	110401 *p*	Political Science
360104	Political Theory and Political Philosophy	110401 *p*	Political Science
360105	International Relations	110403	International Relations
360199	Political Science not elsewhere classified	110401 *p*	Political Science

360200	POLICY AND ADMINISTRATION		
360201	Public Policy	110402 *p*	Public Policy and Administration
360202	Public Administration	110402 *p*	Public Policy and Administration
360203	Research, Science and Technology Policy	110404	Science and Technology Policy
360204	Defence Studies	110499 *p*	Political Sciences and Public Policy n.e.c.
360299	Policy and Administration not elsewhere classified	110499 *p*	Political Sciences and Public Policy n.e.c.

369900	OTHER POLICY AND POLITICAL SCIENCE		
369999	Other Policy and Political Science	110499 *p*	Political Sciences and Public Policy n.e.c.

(p = partial match)

DIVISION 370000 STUDIES IN HUMAN SOCIETY

370100	SOCIOLOGY		
370101	Social Theory	110601 *p*	Social Theory and Policy
370102	Social Policy and Planning	110601 *p*	Social Theory and Policy
370103	Race and Ethnic Relations	110602	Race and Ethnic Relations
370104	Urban Sociology and Community Studies	110699 *p*	Sociology n.e.c.
370105	Applied Sociology, Program Evaluation and Social Impact Assessment	110699 *p*	Sociology n.e.c.
370106	Sociological Methodology and Research Methods	110699 *p*	Sociology n.e.c.
370107	Social Change	110699 *p*	Sociology n.e.c.
370199	Sociology not elsewhere classified	110699 *p*	Sociology n.e.c.

370200	SOCIAL WORK		
370201	Clinical Social Work Practice	110803 *p*	Social Work and Administration
370202	Social Program Evaluation	110803 *p*	Social Work and Administration
370203	Social Policy	110803 *p*	Social Work and Administration
370204	Counselling, Welfare and Community Services	110803 *p*	Social Work and Administration
370299	Social Work not elsewhere classified	110803 *p*	Social Work and Administration

370300	ANTHROPOLOGY		
370301	Biological (Physical) Anthropology	110701 *p*	Prehistory and Physical Anthropology
370302	Social and Cultural Anthropology	110701 *p* 110702 *p* 110799 *p*	Prehistory and Physical Anthropology Aboriginal Anthropology Anthropology n.e.c.
370303	Linguistic Anthropology	110701 *p* 110702 *p* 110799 *p*	Prehistory and Physical Anthropology Aboriginal Anthropology Anthropology n.e.c.
370399	Anthropology not elsewhere classified	110701 *p* 110702 *p* 110799 *p*	Prehistory and Physical Anthropology Aboriginal Anthropology Anthropology n.e.c.

370400	HUMAN GEOGRAPHY		
370401	Urban and Regional Studies	110802	Urban and Regional Studies
370402	Social and Cultural Geography	110902	Social and Cultural Geography
370403	Recreation and Leisure Studies	110903	Recreation and Leisure Studies
370499	Human Geography not elsewhere classified	110999	Human Geography n.e.c.

370500	DEMOGRAPHY		
370501	Population Trends and Policies	111001	Population Trends and Policies (incl. Fertility and Mortality)
370502	Migration	111002	Migration
370503	Fertility	111099 *p*	Population Studies n.e.c.
370504	Family and Household Studies	111099 *p*	Population Studies n.e.c.
370599	Demography not elsewhere classified	111099 *p*	Population Studies n.e.c.

370600	HISTORY AND PHILOSOPHY OF SCIENCE AND MEDICINE			
370601	History and Philosophy of Science and Technology	120801 *p*	History and Philosophy of Science
370602	Sociology and Social Studies of Science and Technology	120801 *p*	History and Philosophy of Science
370603	History and Philosophy of Medicine	120802	History and Philosophy of Medicine
370699	History and Philosophy of Science and Medicine not elsewhere classified	120801 *p*	History and Philosophy of Science
379900	OTHER STUDIES IN HUMAN SOCIETY		
379901	Gender Specific Studies	110801	Women's Studies
		110899 *p*	Social Studies n.e.c.
379902	Aboriginal Studies	110899 *p*	Social Studies n.e.c.
379999	Studies in Human Society not elsewhere classified	110899 *p*	Social Studies n.e.c.

DIVISION 380000 BEHAVIOURAL AND COGNITIVE SCIENCES

380100	PSYCHOLOGY		
380101	Sensory Processes, Perception and Performance	111201 *p* 111202 *p*	Cognition, Motivation and Performance Learning, Memory and Perception
380102	Learning, Memory, Cognition and Language	111201 *p* 111202 *p*	Cognition, Motivation and Performance Learning, Memory and Perception
380103	Biological Psychology (Neuropsychology, Psychopharmacology, Physiological Psychology)	111203	Biological Psychology, Neuropsychology and Psychopharmacology
380104	Personality, Abilities and Assessment	111204	Personality, Abilities and Assessment
380105	Social and Community Psychology	111205	Social and Organisational Psychology
380106	Developmental Psychology and Ageing	111206	Developmental Psychology and Ageing
380107	Health, Clinical and Counselling Psychology	100723	Psychology—Clinical
380108	Industrial and Organisational Psychology	111299 *p*	Psychology n.e.c.
380109	Psychological Methodology, Design and Analysis	111207	Quantitative Psychology and Methodology
380199	Psychology not elsewhere classified	111299 *p*	Psychology n.e.c.

380200	LINGUISTICS		
380201	Applied Linguistics and Educational Linguistics	120109	Applied Linguistics
380202	Computational Linguistics	120113 *p*	Linguistics n.e.c.
380203	Discourse and Pragmatics	120113 *p*	Linguistics n.e.c.
380204	Laboratory Phonetics and Speech Science	120113 *p*	Linguistics n.e.c.
380205	Language in Culture and Society (Sociolinguistics)	120113 *p*	Linguistics n.e.c.
380206	Language in Time and Space (incl. Historical Linguistics, Dialectology)	120113 *p*	Linguistics n.e.c.
380207	Linguistic Structures (incl. Grammar, Phonology, Lexicon, Semantics)	120110 120113 *p*	Semantics Linguistics n.e.c.
380208	Lexicography	120108	Lexicography
380299	Linguistics not elsewhere classified	120113 *p*	Linguistics n.e.c.

380300	COGNITIVE SCIENCE		
380301	Philosophy of Cognition	129999 *p*	Other Humanities
380302	Linguistic Processes (incl. Speech Production and Comprehension)	120113 *p*	Linguistics n.e.c.
380303	Computer Perception, Memory and Attention	050108	Cognitive Science
380304	Neurocognitive Patterns and Neural Networks	129999 *p*	Other Humanities
380305	Knowledge Representation and Machine Learning	129999 *p*	Other Humanities
380306	Planning and Problem Solving	129999 *p*	Other Humanities
380399	Cognitive Science not elsewhere classified	129999 *p*	Other Humanities

389900	OTHER BEHAVIOURAL AND COGNITIVE SCIENCES		
389999	Other Behavioural and Cognitive Sciences	129999 *p*	Other Humanities

DIVISION 390000 LAW, JUSTICE AND LAW ENFORCEMENT

390100	LAW		
390101	Administrative Law	111101 *p*	Constitutional and Administrative Law
390102	Comparative Law	111199 *p*	Law n.e.c.
390103	Constitutionalism and Constitutional Law	111101 *p*	Constitutional and Administrative Law
390104	Commercial and Contract Law	111104	Commercial and Contracts Law
390105	Corporations and Associations Law	111199 *p*	Law n.e.c.
390106	Criminal Law	111106	Criminal law
390107	Environmental and Natural Resources Law	111199 *p*	Law n.e.c.
390108	Family Law	111103	Family Law
390109	Civil Law	111199 *p*	Law n.e.c.
390110	Indigenous Law	111199 *p*	Law n.e.c.
390111	International Law	111105	International Law
390112	Law and Literature	111199 *p*	Law n.e.c.
390113	Legal History	111199 *p*	Law n.e.c.
390114	Intellectual Property	111199 *p*	Law n.e.c.
390115	Property Law and Conveyancing (excl. Intellectual Property)	111199 *p*	Law n.e.c.
390116	Labour Law	111199 *p*	Law n.e.c.
390117	Tort Law	111199 *p*	Law n.e.c.
390118	Taxation Law	111199 *p*	Law n.e.c.
390119	Equity Law	111199 *p*	Law n.e.c.
390120	Trust Law	111199 *p*	Law n.e.c.
390199	Law not elsewhere classified	111199 *p*	Law n.e.c.
390200	PROFESSIONAL DEVELOPMENT OF LAW PRACTITIONERS		
390201	Legal Practice	111199 *p*	Law n.e.c.
390202	Adjudication	111199 *p*	Law n.e.c.
390203	Legal Education	111199 *p*	Law n.e.c.
390204	Professional Ethics	111199 *p*	Law n.e.c.
390299	Professional Development of Law Practitioners not elsewhere classified	111199 *p*	Law n.e.c.
390300	JUSTICE AND LEGAL STUDIES		
390301	Justice Systems and Administration	111199 *p*	Law n.e.c.
390302	Jurisprudence and Legal Theory	111102	Jurisprudence and Legal History
390303	Human Rights	111199 *p*	Law n.e.c.
390304	Counselling and Mediation Services	111199 *p*	Law n.e.c.
390305	Law and Society	111199 *p*	Law n.e.c.
390399	Justice and Legal Studies not elsewhere classified	111199 *p*	Law n.e.c.
390400	LAW ENFORCEMENT		
390401	Criminology	110603	Criminology
390402	Evidence and Procedure	111199 *p*	Law n.e.c.
390403	Police Administration, Procedures and Practice	111199 *p*	Law n.e.c.
390404	Detection and Prevention of Crime; Security Services	111199 *p*	Law n.e.c.
390405	Correctional Theory and Services; Penology	111199 *p*	Law n.e.c.
390499	Law Enforcement not elsewhere classified	111199 *p*	Law n.e.c.

399900	OTHER LAW, JUSTICE AND LAW ENFORCEMENT			
399901	History and Philosophy of Law and Justice	111199	*p*	Law n.e.c.
399999	Law, Justice and Law Enforcement not elsewhere classified	111199	*p*	Law n.e.c.

DIVISION 400000 JOURNALISM, LIBRARIANSHIP AND CURATORIAL STUDIES

400100	JOURNALISM, COMMUNICATION AND MEDIA			
400101	Journalism	111402		Journalism
400102	Technical Writing	111499	*p*	Media and Communication Studies n.e.c.
400103	Professional Creative Writing	111499	*p*	Media and Communication Studies n.e.c.
400104	Communication and Media Studies	111401		Media Studies
		111499	*p*	Media and Communication Studies n.e.c.
400199	Journalism, Communication and Media not elsewhere classified	111499	*p*	Media and Communication Studies n.e.c.
400200	LIBRARIANSHIP			
400201	Librarianship	111403	*p*	Librarianship and Information Studies
400300	CURATORIAL STUDIES			
400301	Museum Studies	111403	*p*	Librarianship and Information Studies
400302	Archival Studies	111403	*p*	Librarianship and Information Studies
400303	Materials Conservation	111403	*p*	Librarianship and Information Studies
400399	Curatorial Studies not elsewhere classified	111403	*p*	Librarianship and Information Studies
409900	OTHER JOURNALISM, LIBRARIANSHIP AND CURATORIAL STUDIES			
409999	Other Journalism, Librarianship and Curatorial Studies	111499	*p*	Media and Communication Studies n.e.c.

DIVISION 410000 THE ARTS

410100	PERFORMING ARTS		
410101	Music	120401	Music
410102	Drama, Theatre and Performance Studies	120403	Drama
410103	Dance	120499 *p*	Arts n.e.c.
410104	Indigenous Performing Arts	120499 *p*	Arts n.e.c.
410199	Performing Arts not elsewhere classified	120499 *p*	Arts n.e.c.
410200	VISUAL ARTS AND CRAFTS		
410201	Graphic Arts	120499 *p*	Arts n.e.c.
410202	Fine Arts (incl. Sculpture and Painting)	120402	Fine Arts
410203	Photography	120499 *p*	Arts n.e.c.
410204	Crafts	120499 *p*	Arts n.e.c.
410299	Visual Arts and Crafts not elsewhere classified	120499 *p*	Arts n.e.c.
410300	CINEMA, ELECTRONIC ARTS AND MULTIMEDIA		
410301	Film and Video	120499 *p*	Arts n.e.c.
410302	Cinema Studies	120499 *p*	Arts n.e.c.
410303	Multimedia	120499 *p*	Arts n.e.c.
410304	Other Cinema and Electronic Arts	120499 *p*	Arts n.e.c.
410400	DESIGN STUDIES		
410401	Design Theory	120502	Design Theory
410402	Design Innovation	120503	Design Innovation
410403	Design Studio Practice	120504 *p*	Design Management and Practice
410404	Design Management and Professional Practice	120504 *p*	Design Management and Practice
410405	Design History and Cultural Theory	120501 *p*	Design History and Conservation
410499	Design Studies not elsewhere classified	120501 *p*	Design History and Conservation
		120599	Design Studies n.e.c.
419900	OTHER ARTS		
419901	Art History and Appreciation	120499 *p*	Arts n.e.c.
419999	The Arts not elsewhere classified	120499 *p*	Arts n.e.c.

DIVISION 420000 LANGUAGE AND CULTURE

420100	LANGUAGE STUDIES			
420101	English	120112	*p*	Linguistics: Other Australian Studies
		120199	*p*	Language and Literature n.e.c.
420102	English as a Second Language	120112	*p*	Linguistics: Other Australian Studies
		120199	*p*	Language and Literature n.e.c.
420103	Aboriginal Languages	120111		Linguistics: Studies of Australian Aboriginal Languages
420104	Latin	120199	*p*	Language and Literature n.e.c.
420105	Greek	120199	*p*	Language and Literature n.e.c.
420106	French	120199	*p*	Language and Literature n.e.c.
420107	German	120199	*p*	Language and Literature n.e.c.
420108	Italian	120199	*p*	Language and Literature n.e.c.
420109	Spanish	120199	*p*	Language and Literature n.e.c.
420110	Russian	120199	*p*	Language and Literature n.e.c.
420111	Other European Languages	120199	*p*	Language and Literature n.e.c.
420112	Chinese Languages	120199	*p*	Language and Literature n.e.c.
420113	Japanese	120199	*p*	Language and Literature n.e.c.
420114	Indonesian Languages	120199	*p*	Language and Literature n.e.c.
420115	Malaysian Languages	120199	*p*	Language and Literature n.e.c.
420116	Indian Languages	120199	*p*	Language and Literature n.e.c.
420117	Korean	120199	*p*	Language and Literature n.e.c.
420118	Vietnamese Languages	120199	*p*	Language and Literature n.e.c.
420119	Thai Languages	120199	*p*	Language and Literature n.e.c.
420120	Other Asian Languages	120199	*p*	Language and Literature n.e.c.
420121	Comparative Language Studies	120199	*p*	Language and Literature n.e.c.
420122	Oracy and Oral Traditions	120199	*p*	Language and Literature n.e.c.
420199	Language Studies not elsewhere classified	120199	*p*	Language and Literature n.e.c.

(p = partial match)

420200	LITERATURE STUDIES		
420201	British and Irish	120103	Literary Studies: British
420202	Australian and New Zealand	120101	Literary Studies: Australian
		120102 *p*	Literary Studies: Asian and Pacific
420203	North American	120105	Literary Studies: North American
420204	South American	120107 *p*	Literary Studies n.e.c.
420205	Latin and Classical Greek	120104 *p*	Literary Studies: European
420206	French	120104 *p*	Literary Studies: European
420207	German	120104 *p*	Literary Studies: European
420208	Italian	120104 *p*	Literary Studies: European
420209	Russian	120104 *p*	Literary Studies: European
420210	Other European	120104 *p*	Literary Studies: European
420211	Chinese	120102 *p*	Literary Studies: Asian and Pacific
420212	Japanese	120102 *p*	Literary Studies: Asian and Pacific
420213	Indonesian	120102 *p*	Literary Studies: Asian and Pacific
420214	Indian	120102 *p*	Literary Studies: Asian and Pacific
420215	Other Asian	120102 *p*	Literary Studies: Asian and Pacific
420216	Comparative Literature Studies	120107 *p*	Literary Studies n.e.c.
420217	Textual Transmission and the Material Record	120107 *p*	Literary Studies n.e.c.
420218	Literary Theory	120106	Literary Theory and Genre Studies
420219	Stylistics	120107 *p*	Literary Studies n.e.c.
420220	Folklore, Myth and Mythologies	120107 *p*	Literary Studies n.e.c.
420299	Literature Studies not elsewhere classified	120102 *p*	Literary Studies: Asian and Pacific
		120107 *p*	Literary Studies n.e.c.
420300	CULTURAL STUDIES		
420301	Cultural Policy Studies	129999 *p*	Other Humanities
420302	Cultural Theory	129999 *p*	Other Humanities
420303	Culture, Gender, Sexuality	129999 *p*	Other Humanities
420304	Screen and Media Culture	129999 *p*	Other Humanities
420305	Aboriginal Cultural Studies	129999 *p*	Other Humanities
420306	Postcolonial and Global Cultural Studies	129999 *p*	Other Humanities
420307	Consumption and Everyday Life	129999 *p*	Other Humanities
420308	Multicultural, Intercultural and Cross-cultural Studies	129999 *p*	Other Humanities
420399	Cultural Studies not elsewhere classified	129999 *p*	Other Humanities
429900	OTHER LANGUAGE AND CULTURE		
429999	Other Language and Culture	129999 *p*	Other Humanities

(p = partial match)

DIVISION 430000 HISTORY AND ARCHAEOLOGY

430100	HISTORICAL STUDIES		
430101	History: Australian	120201	History: Australian
430102	History: Asian	120202 *p*	History: Asian and the Pacific
430103	History: Pacific	120202 *p*	History: Asian and the Pacific
430104	History: North American	120203 *p*	History: American
430105	History: Latin American	120203 *p*	History: American
430106	History: African	120207 *p*	History: Other
430107	History: British	120204	History: British
430108	History: European	120205	History: European
430109	History: Middle Eastern	120206	History: Middle Eastern
430110	History: Classical Greek and Roman	120207 *p*	History: Other
430111	History: Other	120207 *p*	History: Other
430112	Biography	120208	Biography
430199	Historical Studies not elsewhere classified	120299	Historical Studies n.e.c.

430200	ARCHAEOLOGY AND PREHISTORY		
430201	Archaeology of Hunter-Gatherer Societies (incl. Pleistocene Archaeology)	120301 *p*	Archaeology
430202	Archaeology of Agricultural and Pastoral Societies	120301 *p*	Archaeology
430203	Archaeology of Complex Societies: Europe, the Mediterranean and the Levant	120301 *p* 120303	Archaeology Greek and Roman Classical Studies
430204	Archaeology of Complex Societies: Asia, Africa, Oceania and the Americas	120301 *p* 120302	Archaeology Egyptology
430205	Historical Archaeology (incl. Industrial Archaeology)	120301 *p*	Archaeology
430206	Maritime Archaeology	120301 *p*	Archaeology
430207	Archaeological Science	120301 *p*	Archaeology
430299	Archaeology and Prehistory not elsewhere classified	120301 *p*	Archaeology

439900	OTHER HISTORY AND ARCHAEOLOGY		
439999	Other History and Archaeology	120399	Classical Studies n.e.c.

(p = partial match)

DIVISION 440000 PHILOSOPHY AND RELIGION

440100	PHILOSOPHY		
440101	Aesthetics	120604 *p*	Social and Applied Philosophy
440102	Epistemology	120699 *p*	Philosophy n.e.c.
440103	Ethical Theory	120603 *p*	Ethics
440104	Applied Ethics (incl. Bioethics and Environmental Ethics)	120603 *p*	Ethics
440105	History of Philosophy and History of Ideas	120699 *p*	Philosophy n.e.c.
440106	Logic	120601	Logic
440107	Metaphysics	120602	Metaphysics
440108	Philosophy of Language	120604 *p*	Social and Applied Philosophy
440109	Philosophy of Mind (excl. Cognition)	120604 *p*	Social and Applied Philosophy
440110	Social Philosophy	120604 *p*	Social and Applied Philosophy
440111	Phenomenology	120604 *p*	Social and Applied Philosophy
440112	Hermeneutic Theory	120604 *p*	Social and Applied Philosophy
440113	Comparative Philosophy	120604 *p*	Social and Applied Philosophy
440114	Philosophy of Action	120604 *p*	Social and Applied Philosophy
440115	Philosophy of Specific Cultures (e.g. Ancient Greek, Chinese)	120604 *p*	Social and Applied Philosophy
440199	Philosophy not elsewhere classified	120699 *p*	Philosophy n.e.c.
440200	RELIGION AND RELIGIOUS TRADITIONS		
440201	Hindu Studies	120701 *p*	Religious Studies
440202	Buddhist Studies	120701 *p*	Religious Studies
440203	Jewish Studies	120701 *p*	Religious Studies
440204	Christian Theology (incl. Biblical Studies and Church History)	120701 *p*	Religious Studies
440205	Islamic Studies	120701 *p*	Religious Studies
440206	Studies in Other Religious Traditions	120701 *p*	Religious Studies
440207	Religion and Society	120701 *p*	Religious Studies
440208	Psychology of Religion	120701 *p*	Religious Studies
440209	Philosophy of Religion	120701 *p*	Religious Studies
440299	Religion and Religious Traditions not elsewhere classified	120701 *p*	Religious Studies
449900	OTHER PHILOSOPHY AND RELIGION		
449999	Other Philosophy and Religion	120699 *p*	Philosophy n.e.c.
		120701 *p*	Religious Studies

CONCORDANCE

1993 SEO

1998 SEO

(p = partial match)

DIVISION 1 DEFENCE

SUBDIVISION 010000 DEFENCE

010100	DEFENCE		
010101	Electronics	610101 *p*	Navy
		610102 *p*	Army
		610103 *p*	Air Force
		610104 *p*	Combined operations
		610199 *p*	Other
010102	Surveillance	610101 *p*	Navy
		610102 *p*	Army
		610103 *p*	Air Force
		610104 *p*	Combined operations
		610199 *p*	Other
010103	Weapons systems	610101 *p*	Navy
		610102 *p*	Army
		610103 *p*	Air Force
		610104 *p*	Combined operations
		610199 *p*	Other
010104	Aeronautics	610101 *p*	Navy
		610102 *p*	Army
		610103 *p*	Air Force
		610104 *p*	Combined operations
		610199 *p*	Other
010105	Materials	610101 *p*	Navy
		610102 *p*	Army
		610103 *p*	Air Force
		610104 *p*	Combined operations
		610199 *p*	Other
010199	Defence n.e.c.	610101 *p*	Navy
		610102 *p*	Army
		610103 *p*	Air Force
		610104 *p*	Combined operations
		610199 *p*	Other

DIVISION 2 ECONOMIC DEVELOPMENT

SUBDIVISION 020000 PLANT PRODUCTION AND PLANT PRIMARY PRODUCTS

020100	FIELD CROPS		
020101	Wheat	620101	Wheat
020102	Barley	620102	Barley
020103	Rice	620103	Rice
020104	Other cereals	620104	Other cereals
020105	Oilseeds and grain legumes	620105	Oilseeds
		620108	Grain legumes
020106	Sugar	620106	Sugar
020107	Cotton	620107	Cotton
020199	Field crops n.e.c.	620199	Field crops not elsewhere classified
020200	HORTICULTURAL CROPS		
020201	Stone fruit	620201	Stone fruit
020202	Pome fruit	620202	Pome fruit
020203	Citrus	620203	Citrus
020204	Grapes	620204	Grapes
020205	Tropical fruit	620205	Tropical fruit
020206	Berry fruit	620206	Berry fruit
020207	Tree nuts	620207	Tree nuts
020208	Vegetables	620208	Vegetables
020209	Ornamentals, Australian natives and nursery plants	620209	Ornamentals, Australian natives and nursery plants
020299	Horticultural crops n.e.c.	620299	Horticultural crops not elsewhere classified
020300	FORESTRY		
020301	Native forests	620301	Native forests
020302	Softwood plantations	620302	Softwood plantations
020303	Hardwood plantations	620303	Hardwood plantations
020304	Harvesting and transport of forest products	620304	Harvesting and transport of forest products
020399	Forestry n.e.c.	620305	Integration of farm and forestry
		620399	Forestry not elsewhere classified
020400	PRIMARY PRODUCTS FROM PLANTS		
020401	Fresh fruit and vegetables (post harvest)	620401	Fresh fruit and vegetables (post harvest)
020402	Unprocessed cereals	620402	Unprocessed cereals
020403	Tobacco leaf	620403	Tobacco leaf
020404	Cotton lint and cotton seed	620404	Cotton lint and cotton seed
020499	Primary plant products n.e.c.	620499	Primary plant products not elsewhere classified

SUBDIVISION 030000 ANIMAL PRODUCTION AND ANIMAL PRIMARY PRODUCTS

030100	LIVESTOCK		
030101	Sheep—meat	630101	Sheep—meat
030102	Sheep—wool	630102	Sheep—wool
030103	Beef cattle	630103	Beef cattle
030104	Dairy cattle	630104	Dairy cattle
030105	Pigs and poultry	630105	Pigs
		630106	Poultry
030106	Minor livestock (e.g. horses, goats, deer)	630107	Minor livestock (e.g. horses, goats, deer)
030199	Livestock n.e.c.	630199	Livestock not elsewhere classified
030200	PASTURE, BROWSE AND FODDER CROPS		
030201	Sown legumes	630201	Sown legumes
030202	Sown grasses	630202	Sown grasses
030203	Browse crops	630203	Browse crops
030204	Fodder crops	630204	Fodder crops
030205	Native vegetation	630205	Native vegetation
030299	Other	630299	Other
030300	FISHING		
030301	Fisheries—commercial	630301	Fisheries—commercial
030302	Fisheries—recreational	630302	Fisheries—recreational
030303	Aquaculture	630303	Aquaculture
030399	Fishing n.e.c.	630399	Fish not elsewhere classified
030400	PRIMARY PRODUCTS FROM ANIMALS		
030401	Minimally processed fish	630401	Minimally processed fish
030402	Minimally processed milk	630402	Minimally processed milk
030403	Raw wool	630403	Raw wool
030404	Hides and skins	630404	Hides and skins
030499	Primary animal products n.e.c.	630499	Primary animal products not elsewhere classified

SUBDIVISION 040000 MINERAL RESOURCES (EXCL. ENERGY)

040100	EXPLORATION		
040101	Iron ores (i.e. ferrous ores)	640101	Iron ores (i.e. ferrous ores)
040102	Aluminium ores	640102	Aluminium ores
040103	Precious (noble) metal ores	640103	Precious (noble) metal ores
040104	Titanium minerals, zircon, and rare earth metal ores (e.g. monazite)	640104	Titanium minerals, zircon, and rare earth metal ores (e.g. monazite)
040105	Other non-ferrous ores (e.g. copper, zinc)	640105	Other non-ferrous ores (e.g. copper, zinc)
040106	Stone and clay	640106	Stone and clay
040199	Other non-metallic minerals (incl. diamonds)	640199	Other non-metallic minerals (incl. diamonds)
040200	PRIMARY MINING AND EXTRACTION PROCESSES		
040201	Iron ores (i.e. ferrous ores)	640201	Iron ores (i.e. ferrous ores)
040202	Aluminium ores	640202	Aluminium ores
040203	Precious (noble) metal ores	640203	Precious (noble) metal ores
040204	Titanium minerals, zircon, and rare earth metal ores (e.g. monazite)	640204	Titanium minerals, zircon, and rare earth metal ores (e.g. monazite)
040205	Other non-ferrous ores (e.g. copper, zinc)	640205	Other non-ferrous ores (e.g. copper, zinc)
040206	Stone and clay	640206	Stone and clay
040299	Other non-metallic minerals (incl. diamonds)	640299	Other non-metallic minerals (incl. diamonds)
040300	FIRST STAGE TREATMENT OF ORES AND MINERALS		
040301	Beneficiation or dressing of iron ores	640301	Beneficiation or dressing of iron ores
040302	Alumina production	640302	Alumina production
040303	Other beneficiation of bauxite and aluminium ores	640303	Other beneficiation of bauxite and aluminium ores
040304	Concentrating processes of other base metal ores	640304	Concentrating processes of other base metal ores
040305	Production of unrefined precious metal ingots and concentrates	640305	Production of unrefined precious metal ingots and concentrates
040306	Beneficiation or dressing of non-metallic minerals (incl. diamonds)	640306	Beneficiation or dressing of non-metallic minerals (incl. diamonds)
040399	Other	640399	Other

SUBDIVISION 050000 ENERGY RESOURCES

050100	EXPLORATION		
050101	Uranium	650101	Uranium
050102	Coal	650102	Coal
050103	Oil and gas	650103	Oil and gas
050104	Oil shale and tar sands	650104	Oil shale and tar sands
050199	Other	650199	Other

050200	MINING AND EXTRACTION		
050201	Uranium	650201	Uranium
050202	Coal	650202	Coal
050203	Oil and gas	650203	Oil and gas
050204	Oil shale and tar sands	650204	Oil shale and tar sands
050299	Other	650299	Other

050300	PREPARATION AND SUPPLY OF ENERGY SOURCE MINERALS		
050301	Uranium	650301	Uranium
050302	Coal	650302	Coal
050303	Oil and gas	650303	Oil and gas
050304	Oil shale and tar sands	650304	Oil shale and tar sands
050399	Energy minerals n.e.c.	650399	Energy minerals not elsewhere classified

059900	OTHER		
059999	Other (e.g. safety)	659999	Other (e.g. safety)

SUBDIVISION 060000 ENERGY SUPPLY

060100	ENERGY TRANSFORMATION		
060101	Coal—electricity	660101	Coal—electricity
060102	Coal—conversion to liquid fuels	660102	Coal—conversion to liquid fuels
060103	Coal—other purposes	660103	Coal—other purposes
060104	Nuclear	660104	Nuclear
060105	Refined oil and gas	660105	Refined oil and gas
060106	Gas—conversion to liquid fuels	660106	Gas—conversion to liquid fuels
060107	Oil shale and tar sands—conversion to liquid fuels	660107	Oil shale and tar sands—conversion to liquid fuels
060199	Energy transformation n.e.c.	660199	Energy transformation not elsewhere classified

060200	RENEWABLE ENERGY		
060201	Hydro-electric	660201	Hydro-electric
060202	Wind	660202	Wind
060203	Ocean	660203	Ocean
060204	Solar-thermal	660204	Solar-thermal
060205	Solar-photoelectric	660205	Solar-photoelectric
060206	Solar-thermal electric	660206	Solar-thermal electric
060299	Renewable energy n.e.c. (e.g. geothermal)	660299	Renewable energy not elsewhere classified (e.g. geothermal)

060300	ENERGY DISTRIBUTION		
060301	Electricity transmission	660301	Electricity transmission
060302	Gas distribution	660302	Gas distribution
060303	Energy storage	660303	Energy storage
060304	Energy systems analysis	660304	Energy systems analysis
060399	Energy distribution n.e.c.	660399	Energy distribution not elsewhere classified

060400	CONSERVATION AND EFFICIENCY		
060401	Industry	660401	Industry
060402	Residential and commercial	660402	Residential and commercial
060403	Transport	660403	Transport
060499	Other	660499	Other

069900	OTHER		
069999	Other	669999	Other

SUBDIVISION 070000 MANUFACTURING

070100	PROCESSED FOOD PRODUCTS AND BEVERAGES		
070101	Carcass meat	670101	Carcass meat
070102	Meat products	670102	Meat products
070103	Fish products	670103	Fish products
070104	Fruit and vegetable products (incl. fruit juices)	670104	Fruit and vegetable products (incl. fruit juices)
070105	Dairy products	670105	Dairy products
070106	Oils and fats (incl. margarines)	670106	Oils and fats (incl. margarines)
070107	Grain mill products, starch and starch products (incl. sugar, bakery products)	670107	Grain mill products, starch and starch products (incl. sugar, bakery products)
070108	Beverages (e.g. alcohol, wines, soft drinks, excl. fruit juices)	670108	Beverages (e.g. alcohol, wines, soft drinks, excl. fruit juices)
070199	Processed food products and beverages n.e.c.	670199	Processed food products and beverages not elsewhere classified
070200	FIBRE PROCESSING AND TEXTILES; FOOTWEAR AND LEATHER PRODUCTS		
070201	Cotton ginning	670201	Cotton ginning
070202	Wool scouring and top making	670202	Wool scouring and top making
070203	Natural yarns and fabrics	670203	Natural yarns and fabrics
070204	Synthetic fibres, yarns and fabrics	670204	Synthetic fibres, yarns and fabrics
070205	Other fibre processing and textiles	670205	Other fibre processing and textiles
070206	Processed skins, leather and leather products n.e.c.	670206	Processed skins, leather and leather products not elsewhere classified
070207	Clothing	670207	Clothing
070208	Footwear	670208	Footwear
070299	Other	670299	Other
070300	WOOD, WOOD PRODUCTS AND PAPER		
070301	Hardwood sawing and veneer	670301	Hardwood sawing and veneer
070302	Softwood sawing and veneer	670302	Softwood sawing and veneer
070303	Pulp and paper	670303	Pulp and paper
070304	Reconstituted products (e.g. chipboard, particle board)	670304	Reconstituted products (e.g. chipboard, particle board)
070305	Woodchips	670305	Woodchips
070306	Wood products n.e.c.	670306	Wood products not elsewhere classified
070307	Paper products	670307	Paper products
070308	Printing and publishing processes	670308	Printing and publishing processes
070399	Other	670399	Other
070400	HUMAN PHARMACEUTICAL PRODUCTS		
070401	Prevention—biologicals (e.g. vaccines)	670401	Prevention—biologicals (e.g. vaccines)
070402	Diagnostics	670402	Diagnostics
070403	Treatments (e.g. chemicals, antibiotics)	670403	Treatments (e.g. chemicals, antibiotics)
070499	Other	670499	Other

070500	VETERINARY PHARMACEUTICAL PRODUCTS		
070501	Prevention—biologicals (e.g. vaccines)	670501	Prevention—biologicals (e.g. vaccines)
070502	Diagnostics	670502	Diagnostics
070503	Treatments (e.g. chemicals, antibiotics)	670503	Treatments (e.g. chemicals, antibiotics)
070599	Other (incl. production enhancement)	670599	Other (incl. production enhancement)
070600	AGRICULTURAL CHEMICALS		
070601	Chemical fertilisers	670601	Chemical fertilisers
070602	Crop and animal protection chemicals	670602	Crop and animal protection chemicals
070699	Agricultural chemicals n.e.c.	670699	Agricultural chemicals not elsewhere classified
070700	INDUSTRIAL CHEMICALS AND RELATED PRODUCTS		
070701	Industrial gases	670701	Industrial gases
070702	Synthetic resins and rubber	670702	Synthetic resins and rubber
070703	Rubber products	670703	Rubber products
070704	Plastics in primary forms	670704	Plastics in primary forms
070705	Plastic products (incl. construction materials)	670705	Plastic products (incl. construction materials)
070706	Organic industrial chemicals n.e.c.	670706	Organic industrial chemicals not elsewhere classified
070707	Inorganic industrial chemicals	670707	Inorganic industrial chemicals
070708	Paints	670708	Paints
070709	Soaps and cosmetics	670709	Soaps and cosmetics
070710	Bituminous products	670710	Bituminous products
070711	Lubricants	670711	Lubricants
070799	Other	670799	Other
070800	BASIC METAL PRODUCTS (INCL. SMELTING)		
070801	Iron and steel (e.g. ingots, bars, rods, shapes and sections)	670801	Iron and steel (e.g. ingots, bars, rods, shapes and sections)
070802	Aluminium	670802	Aluminium
070803	Precious metals (e.g. refined bullion, wire and strip)	670803	Precious metals (e.g. refined bullion, wire and strip)
070899	Other non-ferrous metals (e.g. copper, zinc)	670899	Other non-ferrous metals (e.g. copper, zinc)
070900	CERAMICS, GLASS AND INDUSTRIAL MINERAL PRODUCTS		
070901	Ceramics	670901	Ceramics
070902	Structural glass and glass products	670902	Structural glass and glass products
070903	Clay products	670903	Clay products
070904	Cement and concrete products	670904	Cement and concrete products
070999	Ceramics, glass and industrial mineral products n.e.c.	670999	Ceramics, glass and industrial mineral products not elsewhere classified

071000	FABRICATED METAL PRODUCTS			
071001	Structural metal products	671001	Structural metal products
071002	Sheet metal products	671002	Sheet metal products
071003	Semi-finished products	671003	Semi-finished products
071004	Castings	671004	Castings
071005	Machined products	671005	Machined products
071099	Fabricated metal products n.e.c.	671099	Fabricated metal products not elsewhere classified

071100	TRANSPORT EQUIPMENT			
071101	Automotive equipment	671101	Automotive equipment
071102	Rail equipment	671102	Rail equipment
071103	Nautical equipment	671103	Nautical equipment
071104	Aerospace equipment	671104	Aerospace equipment
071199	Transport equipment n.e.c.	671199	Transport equipment not elsewhere classified

071200	COMPUTER HARDWARE AND ELECTRONIC EQUIPMENT			
071201	Integrated circuits and devices	671201	Integrated circuits and devices
071202	Modules—special and attached processors	671202	Modules—special and attached processors
071203	Modules—other processes	671203	Modules—other processes
071204	Electronic office equipment	671204	Electronic office equipment
071205	Computer equipment	671205	Computer equipment
071206	Integrated systems	671206	Integrated systems
071299	Computer hardware and electronic equipment n.e.c.	671299	Computer hardware and electronic equipment not elsewhere classified

071300	COMMUNICATION EQUIPMENT			
071301	Broadcasting equipment	671301	Broadcasting equipment
071302	Postal equipment	671302	Postal equipment
071303	Voice equipment	671303	Voice equipment
071304	Data, image and text equipment	671304	Data, image and text equipment
071305	Network transmission equipment	671305	Network transmission equipment
071306	Network switching equipment	671306	Network switching equipment
071399	Communication equipment n.e.c.	671399	Communication equipment not elsewhere classified

071400	INSTRUMENTATION			
071401	Scientific instrumentation	671401	Scientific instrumentation
071402	Medical instrumentation	671402	Medical instrumentation
071403	Industrial instrumentation	671403	Industrial instrumentation
071404	Photographic equipment	671404	Photographic equipment
071499	Instrumentation n.e.c.	671499	Instrumentation not elsewhere classified

071500	MACHINERY AND EQUIPMENT		
071501	Agricultural machinery and equipment	671501	Agricultural machinery and equipment
071502	Mining machinery and equipment	671502	Mining machinery and equipment
071503	Appliances and electrical machinery and equipment	671503	Appliances and electrical machinery and equipment
071504	Industrial machinery and equipment	671504	Industrial machinery and equipment
071505	Construction machinery and equipment	671505	Construction machinery and equipment
071599	Machinery and equipment n.e.c.	671599	Machinery and equipment not elsewhere classified
079900	OTHER MANUFACTURED PRODUCTS		
079901	Tobacco products	671601	Tobacco products
079902	Furniture	671602	Furniture
079903	Prefabricated buildings	671603	Prefabricated buildings
079999	Manufactured products n.e.c.	671699	Manufactured products not elsewhere classified

SUBDIVISION 080000 CONSTRUCTION

080100	PLANNING			
080101	Housing	680101	Housing
080102	Commercial	680102	Commercial
080103	Civil	680103	Civil
080104	Industrial	680104	Industrial
080199	Other	680199	Other
080200	DESIGN		
080201	Housing	680201	Housing
080202	Commercial	680202	Commercial
080203	Civil	680203	Civil
080204	Industrial	680204	Industrial
080299	Other	680299	Other
080300	MATERIALS PERFORMANCE AND PROCESSES		
080301	Stone, ceramics and clay materials	680301	Stone, ceramics and clay materials
080302	Cement and concrete materials	680302	Cement and concrete materials
080303	Polymeric materials (e.g. paints)	680303	Polymeric materials (e.g. paints)
080304	Timber materials	680304	Timber materials
080305	Metals (composites, coatings, bonding, etc.)	680305	Metals (composites, coatings, bonding, etc.)
080399	Other	680399	Other
080400	CONSTRUCTION PROCESSES		
080401	Housing	680401	Housing
080402	Commercial	680402	Commercial
080403	Civil	680403	Civil
080404	Industrial	680404	Industrial
080499	Other	680499	Other
080500	BUILDING MANAGEMENT AND SERVICES		
080501	Housing	680501	Housing
080502	Commercial	680502	Commercial
080503	Civil	680503	Civil
080504	Industrial	680504	Industrial
080599	Other	680599	Other

SUBDIVISION 090000 TRANSPORT

090100	GROUND TRANSPORT			
090101	Road safety	690101	Road safety
090102	Other road transport	690102	Other road transport
090103	Rail transport	690103	Rail transport
090199	Ground transport n.e.c.	690199	Ground transport not elsewhere classified

090200	WATER TRANSPORT			
090201	International sea transport	690201	International sea transport
090202	Coastal water transport	690202	Coastal water transport
090203	Inland water transport	690203	Inland water transport

090300	AIR TRANSPORT			
090301	Air transport	690301	Air transport
090302	Space transport	690302	Space transport

099900	OTHER TRANSPORT			
099901	Multimodal transport	690401	Multimodal transport
099902	Intermodal materials handling	690402	Intermodal materials handling
099999	Transport n.e.c.	690499	Transport not elsewhere classified

(p = partial match)

SUBDIVISION 100000 INFORMATION AND COMMUNICATION SERVICES

100100	COMPUTER SOFTWARE AND SERVICES		
100101	Application packages	700101	Application packages
100102	Application tools and system utilities	700102	Application tools and system utilities
100103	Information processing services	700103	Information processing services
100199	Computer software and services n.e.c.	700199 *p*	Computer software and services not elsewhere classified
100200	OTHER INFORMATION SERVICES		
100201	Library and related information services	700201	Library and related information services
100299	Information services n.e.c.	700299 *p*	Information services not elsewhere classified
100300	COMMUNICATION SERVICES		
100301	Broadcasting	700301	Broadcasting
100302	Telecommunications	700302	Telecommunications
100303	Postal communications	700303	Postal communications
100399	Communications services n.e.c.	700399 *p*	Communication services not elsewhere classified

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	(p = partial match)

SUBDIVISION 110000 COMMERCIAL SERVICES

110100	ELECTRICITY, GAS AND WATER SERVICES AND UTILITIES		
110101	Electricity services and utilities	710101	Electricity services and utilities
110102	Gas services and utilities	710102	Gas services and utilities
110103	Water services and utilities	710103	Water services and utilities
110200	WASTE MANAGEMENT AND RECYCLING		
110201	Waste management	710201	Waste management
110202	Recycling	710202	Recycling
110299	Other	710299	Other
110300	WHOLESALE AND RETAIL TRADE		
110301	Wholesale trade	710301	Wholesale trade
110302	Retail trade	710302	Retail trade
110400	FINANCE, PROPERTY AND BUSINESS SERVICES		
110401	Finance and investment services	710401	Finance and investment services
110402	Insurance services	710402	Insurance services
110403	Property and business services	710403	Property and business services
119900	OTHER COMMERCIAL SERVICES		
119901	Recreational services	710601	Recreational services
119902	Tourism services	710501	Economic issues
		710502	Socio-cultural issues
		710503	Tourism infrastructure development
		710599	Tourism not elsewhere classified
119903	Commercial security services	710603	Commercial security services
119999	Commercial services n.e.c.	710602	Hospitality services
		710699	Commercial services not elsewhere classified

SUBDIVISION 120000 ECONOMIC FRAMEWORK

120100	MACROECONOMIC ISSUES		
120101	Fiscal policy	720101	Fiscal policy
120102	Monetary policy	720102	Monetary policy
120103	Exchange rates	720103	Exchange rates
120104	Balance of payments	720104	Balance of payments
120105	Income policy	720105	Income policy
120106	Taxation	720106	Taxation
120199	Macroeconomic issues n.e.c.	720199	Macroeconomic issues not elsewhere classified
120200	MICROECONOMIC ISSUES		
120201	Microeconomic effects of taxation	720201	Microeconomic effects of taxation
120202	Consumption	720202	Consumption
120203	Industrial organisations	720203	Industrial organisations
120204	Industry policy	720204	Industry policy
120205	Industry costs and structure	720205	Industry costs and structure
120299	Microeconomic issues n.e.c.	720299	Microeconomic issues not elsewhere classified
120300	INTERNATIONAL TRADE ISSUES		
120301	Trade policy	720301	Trade policy
120302	Assistance and protection	720302	Assistance and protection
120303	International agreements on trade	720303	International agreements on trade
120399	International trade issues n.e.c.	720399	International trade issues not elsewhere classified
120400	MANAGEMENT AND PRODUCTIVITY ISSUES		
120401	Marketing	720401	Marketing
120402	Industrial relations	720402	Industrial relations
120403	Management	720403	Management
120404	Productivity	720404	Productivity
120500	MEASUREMENT STANDARDS AND CALIBRATION SERVICES		
120501	Defence standards and calibrations	720501	Defence standards and calibrations
120502	Manufacturing standards and calibrations	720502	Manufacturing standards and calibrations
120503	Service industries standards and calibrations	720503	Service industries standards and calibrations
120599	Measurement standards and calibration services n.e.c.	720599	Measurement standards and calibration services not elsewhere classified
129900	OTHER ECONOMIC ISSUES		
129999	Other economic issues	720499	Management and productivity issues not elsewhere classified
		729901	Technological and organisational innovation
		729999	Economic issues not elsewhere classified

DIVISION 3 SOCIETY

SUBDIVISION 130000 HEALTH

130100	CLINICAL (ORGANS, DISEASES AND CONDITIONS)		
130101	Infectious diseases	730101	Infectious diseases
130102	Immune system and allergy	730102	Immune system and allergy
130103	Blood disorders	730103	Blood disorders
130104	Neurological disorders	730104	Nervous system and disorders
130105	Endocrine diseases (incl. diabetes)	730105	Endocrine organs and diseases (incl. diabetes)
130106	Cardiovascular diseases	730106	Cardiovascular system and diseases
130107	Inherited diseases	730107	Inherited diseases (incl. gene therapy)
130108	Cancer and related disorders	730108	Cancer and related disorders
130109	Surgical methods and procedures	730109	Surgical methods and procedures
130110	Respiratory diseases (incl. asthma)	730110	Respiratory system and diseases (incl. asthma)
130111	Hearing, vision and speech	730111	Hearing, vision, speech and their disorders
130112	Oro-dental	730112	Oro-dental and disorders
130113	Digestive system	730113	Digestive system and disorders
130114	Arthritis, bone and joint disorders	730114	Skeletal system and disorders (incl. arthritis)
130115	Kidney diseases	730115	Urogenital system and disorders
130116	Reproductive medicine	730116	Reproductive system and disorders
130117	Skin and related conditions	730117	Skin and related disorders
130118	Other organs, diseases and conditions	730118	Organs, diseases and abnormal conditions not elsewhere classified
130199	Clinical health not specific to particular organs, diseases and conditions	730199	Clinical health not specific to particular organs, diseases and conditions
130200	PUBLIC HEALTH		
130201	Women's health	730201	Women's health
130202	Health related to ageing	730203	Health related to ageing
130203	Child health	730204	Child health
130204	Aboriginal health	730206	Aboriginal and Torres Strait Islander health
130205	Substance abuse	730205	Substance abuse
130206	Occupational health (excl. economic development aspects)	730208	Occupational health (excl. economic development aspects)
130207	Environmental health	730210 *p*	Environmental health
130208	Mental health	730211	Mental health
130209	Disease distribution and transmission	730212	Disease distribution and transmission
130210	Preventive medicine	730213	Preventive medicine
130211	Dental health	730214	Dental health
130212	Nutrition	730215	Nutrition
130213	Food safety	730216	Food safety
130214	Health status (e.g. indicators of "well-being")	730217	Health status (e.g. indicators of "well-being")
130215	Social structure and health	730218	Social structure and health
130216	Behaviour and health	730219	Behaviour and health
130299	Public health n.e.c.	730202	Men's health
		730207	Health related to specific ethnic groups
		730209	Rural health
		730220	Injury control
		730299	Public health not elsewhere classified

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(p = partial match)

130300	HEALTH AND SUPPORT SERVICES
130301	Health education and promotion
130302	Nursing
130303	Occupational, speech and physiotherapy
130304	Palliative care
130305	Diagnostic methods
130306	Evaluation of health outcomes
130307	Health policy evaluation
130308	Health policy economic outcomes
130399	Health and support services n.e.c.

730301	Health education and promotion
730302	Nursing
730303	Occupational, speech and physiotherapy
730304	Palliative care
730305	Diagnostic methods
730306	Evaluation of health outcomes
730307	Health policy evaluation
730308	Health policy economic outcomes
730399 *p*	Health and support services not elsewhere classified

SUBDIVISION 140000 EDUCATION AND TRAINING

140100	EARLY CHILDHOOD AND PRIMARY EDUCATION		
140101	Early childhood education	740101	Early childhood education
140102	Primary education	740102	Primary education
140200	SECONDARY EDUCATION		
140201	Secondary education	740201	Secondary education
140300	HIGHER EDUCATION		
140301	Higher education	740301	Higher education
140400	TECHNICAL AND FURTHER EDUCATION		
140401	Technical and further education	740401	Vocational education and training
140500	SPECIAL EDUCATION		
140501	Handicapped education	740501 *p*	Special education
140502	Disadvantaged education	740501 *p*	Special education
140599	Special education n.e.c.	740501 *p*	Special education
149900	OTHER EDUCATION		
149901	Occupational training	749901	Occupational training
149902	Continuing education	749902	Continuing education
149903	Education policy	749906	Education policy
149999	Education and training n.e.c.	749903	Aboriginal and Torres Strait Islander education
		749904	Education across cultures
		749905	Gender aspects of education
		749999 *p*	Education and training not elsewhere classified

SUBDIVISION 150000 SOCIAL DEVELOPMENT AND COMMUNITY SERVICES

150100	COMMUNITY SERVICES		
150101	Unemployment (excl. industrial relations, occupational health)	750101	Employment
150102	Aboriginal development and welfare	750309	Aboriginal and Torres Strait Islander development and welfare
150103	Aged persons development and welfare	750304	The aged
150104	Carers development and welfare (i.e. carers for the aged, disabled)	750310	Carers development and welfare (i.e. carers for the aged, disabled)
150105	Disabled persons development and welfare	750305	Ability and disability
150106	Family development and welfare	750307	Families
150107	Migrant development and welfare	750311	Migrant development and welfare
150108	Youth/child development and welfare	750312	Youth/child development and welfare
150199	Community services n.e.c.	750102	Changing work patterns
		750103	The professions and professionalisation
		750104	Preserving institutional and organisational histories
		750199	Work not elsewhere classified
		750301	The distribution of wealth
		750302	Class
		750303	Gender
		750306	Ethnicity and multiculturalism
		750308	National identity
		750399	Community services not elsewhere classified
150200	PUBLIC SERVICES		
150201	Consumer affairs	750502	Consumer affairs
150202	Law reform	750599 *p*	Justice and the law not elsewhere classified
150203	Law enforcement	750504	Law enforcement
150204	Corrective services	750505	Correctional services
150299	Public services n.e.c.	750501	Ownership of the land
		750503	Understanding legal processes
		750599 *p*	Justice and the law not elsewhere classified
		750601	Understanding political systems
		750602	Understanding electoral systems
		750603	Federalism in Australia
		750604	Civics and citizenship
		750605	Public services management
		750699	Government and politics not elsewhere classified
150300	ART, SPORT AND RECREATION		
150301	Artistic endeavours	750201	The performing arts (incl. music, theatre and dance)
		750202	The creative arts
		750299	Arts and leisure not elsewhere classified
150302	Sport	750203	Organised sports
150303	Recreation	750204	Recreation

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150400	INTERNATIONAL RELATIONS			
150401	International relations (e.g. diplomacy, peace)	750701		Understanding international relations
		750702		Understanding other countries
150402	International aid and issues to benefit other countries	750704		International aid
		750799	*p*	International relations not elsewhere classified
150499	International relations n.e.c.	750703		International organisations
		750799	*p*	International relations not elsewhere classified

150500	ETHICAL ISSUES			
150501	Bioethics	750403		Bioethics
150502	Business ethics	750406		Business ethics
150599	Ethical issues n.e.c.	750404		Social ethics
		750405		Environmental ethics
		750499	*p*	Religion and ethics not elsewhere classified

159900	OTHER SOCIAL DEVELOPMENT AND COMMUNITY SERVICES			
159999	Other social development and community services	750401		Religion and society
		750402		Religious structures and rituals
		750499	*p*	Religion and ethics not elsewhere classified
		750801		Preserving the built environment
		750802		Preserving movable cultural heritage
		750803		Urban planning
		750804		Regional planning
		750805		Aboriginal and Torres Strait Islander heritage
		750899		Heritage not elsewhere classified
		750901		Understanding of Australia's past
		750902		Understanding the pasts of other societies
		751001		Languages and literature
		751002		Languages and literacy
		751003		Visual communication
		751004		The media
		751005		Communication across languages and cultures
		751006		Managing collections
		751099		Communication not elsewhere classified
		759999	*p*	Other social development and community services

DIVISION 4 ENVIRONMENT

SUBDIVISION 160000 ENVIRONMENTAL KNOWLEDGE

160100	CLIMATE AND ATMOSPHERE		
160101	Climate change (incl. causes and results of enhanced greenhouse effect and other human-induced trends in climate such as ozone depleting substances)	770101	Climate change
160102	Climate variability	770102	Climate variability
160103	Weather	770103	Weather
160104	Atmospheric composition	770201	Atmospheric composition
160105	Atmospheric processes (incl. chemical, physical and biological)	770202	Atmospheric processes
160199	Other	770199	Other
160200	OCEAN		
160201	Oceanic composition	770304 *p*	Physical and chemical conditions
160202	Oceanic processes (incl. chemical, physical and biological)	770305	Oceanic processes (excl. climate related)
160299	Other	770399 *p*	Other

160300   WATER
160301   Groundwater

770402 *p* Land and water management
770405 *p* Physical and chemical conditions
770409 *p* Estuarine and lagoon areas
770502 *p* Land and water management
770602 *p* Land and water management
770702 *p* Land and water management
770802 *p* Land and water management
770902 *p* Land and water management
771002 *p* Land and water management
771102 *p* Land and water management
779902 *p* Land and water management

160302   Freshwater

770402 *p* Land and water management
770405 *p* Physical and chemical conditions
770409 *p* Estuarine and lagoon areas
770502 *p* Land and water management
770602 *p* Land and water management
770702 *p* Land and water management
770802 *p* Land and water management
770902 *p* Land and water management
771002 *p* Land and water management
771102 *p* Land and water management
779902 *p* Land and water management

160303   Brackish

770402 *p* Land and water management
770405 *p* Physical and chemical conditions
770409 *p* Estuarine and lagoon areas
770502 *p* Land and water management
770602 *p* Land and water management
770702 *p* Land and water management
770802 *p* Land and water management
770902 *p* Land and water management
771002 *p* Land and water management
771102 *p* Land and water management
779902 *p* Land and water management

160304   Inshore

770402 *p* Land and water management
770405 *p* Physical and chemical conditions

160305   Offshore

770304 *p* Physical and chemical conditions

160399   Other

770402 *p* Land and water management
770405 *p* Physical and chemical conditions
770409 *p* Estuarine and lagoon areas
770502 *p* Land and water management
770602 *p* Land and water management
770702 *p* Land and water management
770802 *p* Land and water management
770902 *p* Land and water management
771002 *p* Land and water management
771102 *p* Land and water management
779902 *p* Land and water management

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160400	LAND		
160401	High country (incl. mountains)	770602 *p*	Land and water management
		770607	Rehabilitation of degraded high country
160402	Forest and wooded lands	770702 *p*	Land and water management
		770707	Rehabilitation/reafforestation
160403	Farmland (incl. arable land and permanent crop land)	770802 *p*	Land and water management
		770807	Rehabilitation of degraded farmland
160404	Sparseland (incl. permanent grassland and the arid zone)	770902 *p*	Land and water management
		770907	Rehabilitation of degraded sparseland
160405	Urban areas	770502 *p*	Land and water management
		770507	Industrial/degraded areas
160406	Coastal zone	770402 *p*	Land and water management
		770405 *p*	Physical and chemical conditions
		770408	Rehabilitation of degraded coastal and estuarine areas
160407	Mineral enclave	771002 *p*	Land and water management
		771007	Rehabilitation of degraded mining lands
160408	Antarctic and sub-Antarctic areas	771102 *p*	Land and water management
160499	Other (incl. islands)	779902 *p*	Land and water management
		779907	Rehabilitation of degraded areas

160500	NATURE CONSERVATION		
160501	Flora	770302 *p*	Living resources (incl. impacts of fishing on non-target species)
		770403 *p*	Living resources (flora and fauna)
		770503 *p*	Living resources (flora and fauna)
		770603 *p*	Living resources (flora and fauna)
		770703 *p*	Living resources (flora and fauna)
		770803 *p*	Living resources (flora and fauna)
		770903 *p*	Living resources (flora and fauna)
		771003 *p*	Living resources (flora and fauna)
		771103 *p*	Living resources (flora and fauna)
		779903 *p*	Living resources (flora and fauna)
160502	Fauna	770302 *p*	Living resources (incl. impacts of fishing on non-target species)
		770403 *p*	Living resources (flora and fauna)
		770503 *p*	Living resources (flora and fauna)
		770603 *p*	Living resources (flora and fauna)
		770703 *p*	Living resources (flora and fauna)
		770803 *p*	Living resources (flora and fauna)
		770903 *p*	Living resources (flora and fauna)
		771003 *p*	Living resources (flora and fauna)
		771103 *p*	Living resources (flora and fauna)
		779903 *p*	Living resources (flora and fauna)

160500	NATURE CONSERVATION *continued*		
160503	Terrestrial ecosystems	770406 *p*	Integrated (ecosystem) assessment and management
		770501	Air quality
		770505 *p*	Integrated (ecosystem) assessment and management
		770601	Air quality
		770605 *p*	Integrated (ecosystem) assessment and management
		770701	Air quality
		770705 *p*	Integrated (ecosystem) assessment and management
		770801	Air quality
		770805 *p*	Integrated (ecosystem) assessment and management
		770901	Air quality
		770905 *p*	Integrated (ecosystem) assessment and management
		771001	Air quality
		771005 *p*	Integrated (ecosystem) assessment and management
		771101	Air quality
		771105 *p*	Integrated (ecosystem) assessment and management
		779901	Air quality
		779905 *p*	Integrated (ecosystem) assessment and management
160504	Freshwater ecosystems	770406 *p*	Integrated (ecosystem) assessment and management
		770505 *p*	Integrated (ecosystem) assessment and management
		770605 *p*	Integrated (ecosystem) assessment and management
		770705 *p*	Integrated (ecosystem) assessment and management
		770805 *p*	Integrated (ecosystem) assessment and management
		770905 *p*	Integrated (ecosystem) assessment and management
		771005 *p*	Integrated (ecosystem) assessment and management
		771105 *p*	Integrated (ecosystem) assessment and management
		779905 *p*	Integrated (ecosystem) assessment and management
160505	Marine ecosystems	770301	Air quality
		770306	Integrated (ecosystem) assessment and management
160506	Estuarine ecosystems	770401	Air quality
		770406 *p*	Integrated (ecosystem) assessment and management
160599	Other	770499 *p*	Other
		770599 *p*	Other
		770699 *p*	Other
		770799 *p*	Other
		770899 *p*	Other
		770999 *p*	Other
		771099 *p*	Other
		771199 *p*	Other
		779999 *p*	Other

160600	SOCIAL ENVIRONMENT		
160601	Social development	759999 *p*	Other social development and community services
160602	Community services	759999 *p*	Other social development and community services
160603	Education and training	749999 *p*	Education and training not elsewhere classified
160604	Environmental health	730210 *p*	Environmental health
160605	Protected areas (incl. world heritage areas, national parks, conservation areas, nature reserves, scientific sites, heritage sites, wilderness areas, anthropological sites, archaeological sites, aboriginal sacred sites, marine reserves and national estate sites)	770307 *p*	Marine protected areas
		770407 *p*	Remnant vegetation and protected conservation areas (both terrestrial and marine)
		770506 *p*	Remnant vegetation and protected conservation areas
		770606 *p*	Remnant vegetation and protected conservation areas
		770706 *p*	Remnant vegetation and protected conservation areas
		770806 *p*	Remnant vegetation and protected conservation areas
		770906 *p*	Remnant vegetation and protected conservation areas
		771006 *p*	Remnant vegetation and protected conservation areas
		779906 *p*	Remnant vegetation and protected conservation areas
160606	Environmental hazards (incl. droughts, cyclones and floods, earthquakes and bush fires)	770399 *p*	Other
		770499 *p*	Other
		770599 *p*	Other
		770699 *p*	Other
		770799 *p*	Other
		770899 *p*	Other
		770999 *p*	Other
		771099 *p*	Other
		771199 *p*	Other
		779999 *p*	Other
160699	Other	759999 *p*	Other social development and community services
169900	OTHER ENVIRONMENTAL KNOWLEDGE		
169999	Other environmental knowledge	770499 *p*	Other
		770599 *p*	Other
		770699 *p*	Other
		770799 *p*	Other
		770899 *p*	Other
		770999 *p*	Other
		771099 *p*	Other
		771199 *p*	Other
		779999 *p*	Other

SUBDIVISION 170000 ENVIRONMENTAL ASPECTS OF ECONOMIC DEVELOPMENT

170100	PLANT PRODUCTION AND PLANT PRIMARY PRODUCTS (INCL. FORESTRY)			
170101	Climate and atmosphere	620501	*p*	Field crops
		620502	*p*	Horticultural crops
		620503	*p*	Forestry
		620504	*p*	Primary products from plants
170102	Ocean	620501	*p*	Field crops
		620502	*p*	Horticultural crops
		620503	*p*	Forestry
		620504	*p*	Primary products from plants
170103	Water	620501	*p*	Field crops
		620502	*p*	Horticultural crops
		620503	*p*	Forestry
		620504	*p*	Primary products from plants
170104	Land	620501	*p*	Field crops
		620502	*p*	Horticultural crops
		620503	*p*	Forestry
		620504	*p*	Primary products from plants
170105	Nature conservation	620501	*p*	Field crops
		620502	*p*	Horticultural crops
		620503	*p*	Forestry
		620504	*p*	Primary products from plants
170106	Social environment	620501	*p*	Field crops
		620502	*p*	Horticultural crops
		620503	*p*	Forestry
		620504	*p*	Primary products from plants
170199	Other	620501	*p*	Field crops
		620502	*p*	Horticultural crops
		620503	*p*	Forestry
		620504	*p*	Primary products from plants
170200	ANIMAL PRODUCTION AND ANIMAL PRIMARY PRODUCTS (INCL. FISHING)			
170201	Climate and atmosphere	630501	*p*	Livestock
		630502	*p*	Pasture, browse and fodder crops
		630503	*p*	Fish
		630504	*p*	Primary products from animals
170202	Ocean	630503	*p*	Fish
170203	Water	630501	*p*	Livestock
		630502	*p*	Pasture, browse and fodder crops
		630503	*p*	Fish
		630504	*p*	Primary products from animals
170204	Land	630501	*p*	Livestock
		630502	*p*	Pasture, browse and fodder crops
		630504	*p*	Primary products from animals
170205	Nature conservation	630501	*p*	Livestock
		630502	*p*	Pasture, browse and fodder crops
		630503	*p*	Fish
		630504	*p*	Primary products from animals
170206	Social environment	630501	*p*	Livestock
		630502	*p*	Pasture, browse and fodder crops
		630503	*p*	Fish
		630504	*p*	Primary products from animals
170299	Other	630501	*p*	Livestock
		630502	*p*	Pasture, browse and fodder crops
		630503	*p*	Fish
		630504	*p*	Primary products from animals

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		(p = partial match)

170300 **MINERAL RESOURCES (EXCL. ENERGY)**

170301	Climate and atmosphere	640401 *p* Exploration
		640402 *p* Primary mining and extraction processes
		640403 *p* First stage treatment of ores and minerals
170302	Ocean	640401 *p* Exploration
		640402 *p* Primary mining and extraction processes
		640403 *p* First stage treatment of ores and minerals
170303	Water	640401 *p* Exploration
		640402 *p* Primary mining and extraction processes
		640403 *p* First stage treatment of ores and minerals
170304	Land	640401 *p* Exploration
		640402 *p* Primary mining and extraction processes
		640403 *p* First stage treatment of ores and minerals
170305	Nature conservation	640401 *p* Exploration
		640402 *p* Primary mining and extraction processes
		640403 *p* First stage treatment of ores and minerals
170306	Social environment	640401 *p* Exploration
		640402 *p* Primary mining and extraction processes
		640403 *p* First stage treatment of ores and minerals
170399	Other	640401 *p* Exploration
		640402 *p* Primary mining and extraction processes
		640403 *p* First stage treatment of ores and minerals

170400 **ENERGY RESOURCES**

170401	Climate and atmosphere	650401 *p* Exploration
		650402 *p* Mining and extraction
		650403 *p* Preparation and supply of energy source minerals
170402	Ocean	650401 *p* Exploration
		650402 *p* Mining and extraction
		650403 *p* Preparation and supply of energy source minerals
170403	Water	650401 *p* Exploration
		650402 *p* Mining and extraction
		650403 *p* Preparation and supply of energy source minerals
170404	Land	650401 *p* Exploration
		650402 *p* Mining and extraction
		650403 *p* Preparation and supply of energy source minerals
170405	Nature conservation	650401 *p* Exploration
		650402 *p* Mining and extraction
		650403 *p* Preparation and supply of energy source minerals
170406	Social environment	650401 *p* Exploration
		650402 *p* Mining and extraction
		650403 *p* Preparation and supply of energy source minerals
170499	Other	650401 *p* Exploration
		650402 *p* Mining and extraction
		650403 *p* Preparation and supply of energy source minerals

1993 SEO	1998 SEO
	(p = partial match)

170500 ENERGY SUPPLY

170501	Climate and atmosphere	660501 *p*	Energy transformation
		660502 *p*	Renewable energy
		660503 *p*	Energy storage and distribution
		660504 *p*	Conservation and efficiency
170502	Ocean	660501 *p*	Energy transformation
		660502 *p*	Renewable energy
		660503 *p*	Energy storage and distribution
		660504 *p*	Conservation and efficiency
170503	Water	660501 *p*	Energy transformation
		660502 *p*	Renewable energy
		660503 *p*	Energy storage and distribution
		660504 *p*	Conservation and efficiency
170504	Land	660501 *p*	Energy transformation
		660502 *p*	Renewable energy
		660503 *p*	Energy storage and distribution
		660504 *p*	Conservation and efficiency
170505	Nature conservation	660501 *p*	Energy transformation
		660502 *p*	Renewable energy
		660503 *p*	Energy storage and distribution
		660504 *p*	Conservation and efficiency
170506	Social environment	660501 *p*	Energy transformation
		660502 *p*	Renewable energy
		660503 *p*	Energy storage and distribution
		660504 *p*	Conservation and efficiency
170599	Other	660501 *p*	Energy transformation
		660502 *p*	Renewable energy
		660503 *p*	Energy storage and distribution
		660504 *p*	Conservation and efficiency

170600 MANUFACTURING

170601	Climate and atmosphere	671701 *p*	Processed food products and beverages
		671702 *p*	Fibre processing and textiles; footwear and leather products
		671703 *p*	Wood, wood products and paper
		671704 *p*	Human pharmaceutical products
		671705 *p*	Veterinary pharmaceutical products
		671706 *p*	Agricultural chemicals
		671707 *p*	Industrial chemicals and related products
		671708 *p*	Basic metal products (incl. smelting)
		671709 *p*	Ceramics, glass and industrial mineral products
		671710 p	Fabricated metal products
		671711 *p*	Transport equipment
		671712 *p*	Computer hardware and electronic equipment
		671713 *p*	Communication equipment
		671714 *p*	Instrumentation
		671715 *p*	Machinery and equipment
		671716 *p*	Other manufactured products

170600   MANUFACTURING *continued*

170602   Ocean

671701 *p* Processed food products and beverages
671702 *p* Fibre processing and textiles; footwear and
          leather products
671703 *p* Wood, wood products and paper
671704 *p* Human pharmaceutical products
671705 *p* Veterinary pharmaceutical products
671706 *p* Agricultural chemicals
671707 *p* Industrial chemicals and related products
671708 *p* Basic metal products (incl. Smelting)
671709 *p* Ceramics, glass and industrial mineral
          products
671710 *p* Fabricated metal products
671711 *p* Transport equipment
671712 *p* Computer hardware and electronic
          equipment
671713 *p* Communication equipment
671714 *p* Instrumentation
671715 *p* Machinery and equipment
671716 *p* Other manufactured products

170603   Water

671701 *p* Processed food products and beverages
671702 *p* Fibre processing and textiles; footwear and
          leather products
671703 *p* Wood, wood products and paper
671704 *p* Human pharmaceutical products
671705 *p* Veterinary pharmaceutical products
671706 *p* Agricultural chemicals
671707 *p* Industrial chemicals and related products
671708 *p* Basic metal products (incl. smelting)
671709 *p* Ceramics, glass and industrial mineral
          products
671710 *p* Fabricated metal products
671711 *p* Transport equipment
671712 *p* Computer hardware and electronic
          equipment
671713 *p* Communication equipment
671714 *p* Instrumentation
671715 *p* Machinery and equipment
671716 *p* Other manufactured products

170604   Land

671701 *p* Processed food products and beverages
671702 *p* Fibre processing and textiles; footwear and
          leather products
671703 *p* Wood, wood products and paper
671704 *p* Human pharmaceutical products
671705 *p* Veterinary pharmaceutical products
671706 *p* Agricultural chemicals
671707 *p* Industrial chemicals and related products
671708 *p* Basic metal products (incl. smelting)
671709 *p* Ceramics, glass and industrial mineral
          products
671710 *p* Fabricated metal products
671711 *p* Transport equipment
671712 *p* Computer hardware and electronic
          equipment
671713 *p* Communication equipment
671714 *p* Instrumentation
671715 *p* Machinery and equipment
671716 *p* Other manufactured products

170600   MANUFACTURING *continued*

170605	Nature conservation	671701 *p*	Processed food products and beverages
		671702 *p*	Fibre processing and textiles; footwear and leather products
		671703 *p*	Wood, wood products and paper
		671704 *p*	Human pharmaceutical products
		671705 *p*	Veterinary pharmaceutical products
		671706 *p*	Agricultural chemicals
		671707 *p*	Industrial chemicals and related products
		671708 *p*	Basic metal products (incl. smelting)
		671709 *p*	Ceramics, glass and industrial mineral products
		671710 *p*	Fabricated metal products
		671711 *p*	Transport equipment
		671712 *p*	Computer hardware and electronic equipment
		671713 *p*	Communication equipment
		671714 *p*	Instrumentation
		671715 *p*	Machinery and equipment
		671716 *p*	Other manufactured products
170606	Social environment	671701 *p*	Processed food products and beverages
		671702 *p*	Fibre processing and textiles; footwear and leather products
		671703 *p*	Wood, wood products and paper
		671704 *p*	Human pharmaceutical products
		671705 *p*	Veterinary pharmaceutical products
		671706 *p*	Agricultural chemicals
		671707 *p*	Industrial chemicals and related products
		671708 *p*	Basic metal products (incl. smelting)
		671709 *p*	Ceramics, glass and industrial mineral products
		671710 *p*	Fabricated metal products
		671711 *p*	Transport equipment
		671712 *p*	Computer hardware and electronic equipment
		671713 *p*	Communication equipment
		671714 *p*	Instrumentation
		671715 *p*	Machinery and equipment
		671716 *p*	Other manufactured products
170699	Other	671701 *p*	Processed food products and beverages
		671702 *p*	Fibre processing and textiles; footwear and leather products
		671703 *p*	Wood, wood products and paper
		671704 *p*	Human pharmaceutical products
		671705 *p*	Veterinary pharmaceutical products
		671706 *p*	Agricultural chemicals
		671707 *p*	Industrial chemicals and related products
		671708 *p*	Basic metal products (incl. smelting)
		671709 *p*	Ceramics, glass and industrial mineral products
		671710 *p*	Fabricated metal products
		671711 *p*	Transport equipment
		671712 *p*	Computer hardware and electronic equipment
		671713 *p*	Communication equipment
		671714 *p*	Instrumentation
		671715 *p*	Machinery and equipment
		671716 *p*	Other manufactured products

170700   CONSTRUCTION
170701   Climate and atmosphere

680601 *p* Planning
680602 *p* Design
680603 *p* Materials performance and processes
680604 *p* Construction processes
680605 *p* Building management and services

170702   Ocean

680601 *p* Planning
680602 *p* Design
680603 *p* Materials performance and processes
680604 *p* Construction processes
680605 *p* Building management and services

170703   Water

680601 *p* Planning
680602 *p* Design
680603 *p* Materials performance and processes
680604 *p* Construction processes
680605 *p* Building management and services

170704   Land

680601 *p* Planning
680602 *p* Design
680603 *p* Materials performance and processes
680604 *p* Construction processes
680605 *p* Building management and services

170705   Nature conservation

680601 *p* Planning
680602 *p* Design
680603 *p* Materials performance and processes
680604 *p* Construction processes
680605 *p* Building management and services

170706   Social environment

680601 *p* Planning
680602 *p* Design
680603 *p* Materials performance and processes
680604 *p* Construction processes
680605 *p* Building management and services

170799   Other

680601 *p* Planning
680602 *p* Design
680603 *p* Materials performance and processes
680604 *p* Construction processes
680605 *p* Building management and services

170800	TRANSPORT			
170801	Climate and atmosphere	690501	*p*	Ground transport
		690502	*p*	Water transport
		690503	*p*	Air transport
		690504	*p*	Other transport
170802	Ocean	690501	*p*	Ground transport
		690502	*p*	Water transport
		690503	*p*	Air transport
		690504	*p*	Other transport
170803	Water	690501	*p*	Ground transport
		690502	*p*	Water transport
		690503	*p*	Air transport
		690504	*p*	Other transport
170804	Land	690501	*p*	Ground transport
		690502	*p*	Water transport
		690503	*p*	Air transport
		690504	*p*	Other transport
170805	Nature conservation	690501	*p*	Ground transport
		690502	*p*	Water transport
		690503	*p*	Air transport
		690504	*p*	Other transport
170806	Social environment	690501	*p*	Ground transport
		690502	*p*	Water transport
		690503	*p*	Air transport
		690504	*p*	Other transport
170899	Other	690501	*p*	Ground transport
		690502	*p*	Water transport
		690503	*p*	Air transport
		690504	*p*	Other transport
170900	INFORMATION AND COMMUNICATION SERVICES			
170901	Climate and atmosphere	700401	*p*	Prevention and treatment of pollution
170902	Ocean	700401	*p*	Prevention and treatment of pollution
170903	Water	700401	*p*	Prevention and treatment of pollution
170904	Land	700401	*p*	Prevention and treatment of pollution
170905	Nature conservation	700401	*p*	Prevention and treatment of pollution
170906	Social environment	700401	*p*	Prevention and treatment of pollution
170999	Other	700401	*p*	Prevention and treatment of pollution

171000	COMMERCIAL SERVICES			
171001	Climate and atmosphere	710701 *p*	Electricity, gas and water services and utilities
		710702 *p*	Waste management and recycling
		710703 *p*	Wholesale and retail trade
		710704 *p*	Finance, property and business services
		710705 *p*	Tourism
		710706 *p*	Other commercial services
171002	Ocean	710701 *p*	Electricity, gas and water services and utilities
		710702 *p*	Waste management and recycling
		710703 *p*	Wholesale and retail trade
		710704 *p*	Finance, property and business services
		710705 *p*	Tourism
		710706 *p*	Other commercial services
171003	Water	710701 *p*	Electricity, gas and water services and utilities
		710702 *p*	Waste management and recycling
		710703 *p*	Wholesale and retail trade
		710704 *p*	Finance, property and business services
		710705 *p*	Tourism
		710706 *p*	Other commercial services
171004	Land	710701 *p*	Electricity, gas and water services and utilities
		710702 *p*	Waste management and recycling
		710703 *p*	Wholesale and retail trade
		710704 *p*	Finance, property and business services
		710705 *p*	Tourism
		710706 *p*	Other commercial services
171005	Nature conservation	710701 *p*	Electricity, gas and water services and utilities
		710702 *p*	Waste management and recycling
		710703 *p*	Wholesale and retail trade
		710704 *p*	Finance, property and business services
		710705 *p*	Tourism
		710706 *p*	Other commercial services
171006	Social environment	710701 *p*	Electricity, gas and water services and utilities
		710702 *p*	Waste management and recycling
		710703 *p*	Wholesale and retail trade
		710704 *p*	Finance, property and business services
		710705 *p*	Tourism
		710706 *p*	Other commercial services
171099	Other	710701 *p*	Electricity, gas and water services and utilities
		710702 *p*	Waste management and recycling
		710703 *p*	Wholesale and retail trade
		710704 *p*	Finance, property and business services
		710705 *p*	Tourism
		710706 *p*	Other commercial services
171100	ENVIRONMENTAL ECONOMIC FRAMEWORK		
171101	Resource management issues (incl. demand, pricing, rents, conflicts)	760201 *p*	Institutional arrangements
		760203	Rights to environmental and natural resources
		760299 *p*	Environmental and resource evaluation not elsewhere classified
171199	Other environment/economic aspects (incl. risk assessment and economic incentives for environmental protection, e.g. taxes and permits)	760201 *p*	Institutional arrangements
		760202	Economic incentives and regulation
		760299 *p*	Environmental and resource evaluation not elsewhere classified

SUBDIVISION 180000 ENVIRONMENTAL MANAGEMENT AND OTHER ASPECTS

180100	ENVIRONMENTAL MANAGEMENT		
180101	Global climate change adaptation measures	760101	Global climate change adaptation measures
180102	Environmental policy and standards	760102	Trade and environment
		760103	Consumption patterns, population issues and the environment
		760199 *p*	Environmental policy, legislation and standards not elsewhere classified
180103	Management of protected areas	770307 *p*	Marine protected areas
		770407 *p*	Remnant vegetation and protected conservation areas (both terrestrial and marine)
		770506 *p*	Remnant vegetation and protected conservation areas
		770606 *p*	Remnant vegetation and protected conservation areas
		770706 *p*	Remnant vegetation and protected conservation areas
		770806 *p*	Remnant vegetation and protected conservation areas
		770906 *p*	Remnant vegetation and protected conservation areas
		771006 *p*	Remnant vegetation and protected conservation areas
		779906 *p*	Remnant vegetation and protected conservation areas
180104	Control of human-induced environmental hazards (e.g. industrial accidents)	770399 *p*	Other
		770499 *p*	Other
		770599 *p*	Other
		770699 *p*	Other
		770799 *p*	Other
		770899 *p*	Other
		770999 *p*	Other
		771099 *p*	Other
		771199 *p*	Other
		779999 *p*	Other
180105	Ecologically sustainable development implementation actions	770399 *p*	Other
		770499 *p*	Other
		770599 *p*	Other
		770699 *p*	Other
		770799 *p*	Other
		770899 *p*	Other
		770999 *p*	Other
		771099 *p*	Other
		771199 *p*	Other
		779999 *p*	Other
180106	Environmental education and awareness	760104	Environmental education and awareness
180107	Control of exotic species	770303	Control of pests and exotic species
		770404	Control of pests and exotic species
		770504	Control of pests and exotic species
		770604	Control of pests and exotic species
		770704	Control of pests and exotic species
		770804	Control of pests and exotic species
		770904	Control of pests and exotic species
		771004	Control of pests and exotic species
		771104	Control of pests and exotic species
		779904	Control of pests and exotic species

180100   ENVIRONMENTAL MANAGEMENT *continued*
180199   Other   760199 *p* Environmental policy, legislation and
                                                             standards not elsewhere classified
                                                  760299 *p* Environmental and resource evaluation
                                                             not elsewhere classified

189900   OTHER ENVIRONMENTAL ASPECTS
189999   Other Environmental aspects   769999   Other environmental aspects

DIVISION 5 ADVANCEMENT OF KNOWLEDGE

SUBDIVISION 190000 NATURAL SCIENCES, TECHNOLOGIES AND ENGINEERING

1993 SEO		1998 SEO	
190100	MATHEMATICAL SCIENCES		
190101	Mathematical sciences	780101	Mathematical sciences
190200	PHYSICAL SCIENCES		
190201	Physical sciences	780102	Physical sciences
190300	CHEMICAL SCIENCES		
190301	Chemical sciences	780103	Chemical sciences
190400	EARTH SCIENCES		
190401	Earth sciences	780104	Earth sciences
190500	INFORMATION, COMPUTER AND COMMUNICATION TECHNOLOGIES		
190501	Information, computer and communication technologies	700199 *p*	Computer software and services not elsewhere classified
		700299 *p*	Information services not elsewhere classified
		700399 *p*	Communication services not elsewhere classified
190600	APPLIED SCIENCES AND TECHNOLOGIES		
190601	Applied sciences and technologies	780199 *p*	Other
190700	GENERAL ENGINEERING		
190701	General Engineering	780199 *p*	Other
190800	BIOLOGICAL SCIENCES		
190801	Biological sciences	780105	Biological sciences
190900	AGRICULTURAL SCIENCES		
190901	Agricultural sciences	780199 *p*	Other
191000	MEDICAL AND HEALTH SCIENCES		
191001	Medical and health sciences	730399 *p*	Health and support services not elsewhere classified

SUBDIVISION 200000 SOCIAL SCIENCES AND HUMANITIES

200100   SOCIAL SCIENCES
200101   Social sciences

780106		Political science and public policy
780107		Studies in human society
780108	*p*	Behavioural and cognitive sciences
780199	*p*	Other

200200   HUMANITIES
200201   Humanities

780108	*p*	Behavioural and cognitive sciences
780199	*p*	Other

CONCORDANCE

1998 SEO   **1993 SEO**

(p = partial)

DIVISION 1 DEFENCE

SUBDIVISION 610000 DEFENCE

610100   DEFENCE
610101   Navy   010101 *p* Electronics
                                              010102 *p* Surveillance
                                              010103 *p* Weapons systems
                                              010104 *p* Aeronautics
                                              010105 *p* Materials
                                              010199 *p* Defence n.e.c.
610102   Army   010101 *p* Electronics
                                              010102 *p* Surveillance
                                              010103 *p* Weapons systems
                                              010104 *p* Aeronautics
                                              010105 *p* Materials
                                              010199 *p* Defence n.e.c.
610103   Air Force   010101 *p* Electronics
                                              010102 *p* Surveillance
                                              010103 *p* Weapons systems
                                              010104 *p* Aeronautics
                                              010105 *p* Materials
                                              010199 *p* Defence n.e.c.
610104   Combined Operations   010101 *p* Electronics
                                              010102 *p* Surveillance
                                              010103 *p* Weapons systems
                                              010104 *p* Aeronautics
                                              010105 *p* Materials
                                              010199 *p* Defence n.e.c.
610199   Other   010101 *p* Electronics
                                              010102 *p* Surveillance
                                              010103 *p* Weapons systems
                                              010104 *p* Aeronautics
                                              010105 *p* Materials
                                              010199 *p* Defence n.e.c.

DIVISION 2 ECONOMIC DEVELOPMENT

SUBDIVISION 620000 PLANT PRODUCTION AND PLANT PRIMARY PRODUCTS

620100	FIELD CROPS		
620101	Wheat	020101	Wheat
620102	Barley	020102	Barley
620103	Rice	020103	Rice
620104	Other cereals	020104	Other cereals
620105	Oilseeds	020105 *p*	Oilseeds and grain legumes
620106	Sugar	020106	Sugar
620107	Cotton	020107	Cotton
620108	Grain legumes	020105 *p*	Oilseeds and grain legumes
620199	Field crops not elsewhere classified	020199	Field crops n.e.c.

620200	HORTICULTURAL CROPS		
620201	Stone fruit	020201	Stone fruit
620202	Pome fruit	020202	Pome fruit
620203	Citrus	020203	Citrus
620204	Grapes	020204	Grapes
620205	Tropical fruit	020205	Tropical fruit
620206	Berry fruit	020206	Berry fruit
620207	Tree nuts	020207	Tree nuts
620208	Vegetables	020208	Vegetables
620209	Ornamentals, Australian natives and nursery plants	020209	Ornamentals, Australian natives and nursery plants
620299	Horticultural crops not elsewhere classified	020299	Horticultural crops n.e.c.

620300	FORESTRY		
620301	Native forests	020301	Native forests
620302	Softwood plantations	020302	Softwood plantations
620303	Hardwood plantations	020303	Hardwood plantations
620304	Harvesting and transport of forest products	020304	Harvesting and transport of forest products
620305	Integration of farm and forestry	020399 *p*	Forestry n.e.c.
620399	Forestry not elsewhere classified	020399 *p*	Forestry n.e.c.

620400	PRIMARY PRODUCTS FROM PLANTS		
620401	Fresh fruit and vegetables (post harvest)	020401	Fresh fruit and vegetables (post harvest)
620402	Unprocessed cereals	020402	Unprocessed cereals
620403	Tobacco leaf	020403	Tobacco leaf
620404	Cotton lint and cotton seed	020404	Cotton lint and cotton seed
620499	Primary plant products not elsewhere classified	020499	Primary plant products n.e.c.

620500   SUSTAINABLE PLANT PRODUCTION
          SYSTEMS

620501   Field crops   170101 *p* Climate and atmosphere
                                                 170102 *p* Ocean
                                                 170103 *p* Water
                                                 170104 *p* Land
                                                 170105 *p* Nature conservation
                                                 170106 *p* Social environment
                                                 170199 *p* Other

620502   Horticultural crops   170101 *p* Climate and atmosphere
                                                 170102 *p* Ocean
                                                 170103 *p* Water
                                                 170104 *p* Land
                                                 170105 *p* Nature conservation
                                                 170106 *p* Social environment
                                                 170199 *p* Other

620503   Forestry   170101 *p* Climate and atmosphere
                                                 170102 *p* Ocean
                                                 170103 *p* Water
                                                 170104 *p* Land
                                                 170105 *p* Nature conservation
                                                 170106 *p* Social environment
                                                 170199 *p* Other

620504   Primary products from plants   170101 *p* Climate and atmosphere
                                                 170102 *p* Ocean
                                                 170103 *p* Water
                                                 170104 *p* Land
                                                 170105 *p* Nature conservation
                                                 170106 *p* Social environment
                                                 170199 *p* Other

SUBDIVISION 630000 ANIMAL PRODUCTION AND ANIMAL PRIMARY PRODUCTS

630100	LIVESTOCK		
630101	Sheep—meat	030101	Sheep—meat
630102	Sheep—wool	030102	Sheep—wool
630103	Beef cattle	030103	Beef cattle
630104	Dairy cattle	030104	Dairy cattle
630105	Pigs	030105 *p*	Pigs and poultry
630106	Poultry	030105 *p*	Pigs and poultry
630107	Minor livestock (e.g. horses, goats, deer)	030106	Minor livestock (e.g. horses, goats, deer)
630199	Livestock not elsewhere classified	030199	Livestock n.e.c.

630200	PASTURE, BROWSE AND FODDER CROPS		
630201	Sown legumes	030201	Sown legumes
630202	Sown grasses	030202	Sown grasses
630203	Browse crops	030203	Browse crops
630204	Fodder crops	030204	Fodder crops
630205	Native vegetation	030205	Native vegetation
630299	Other	030299	Other

630300	FISH		
630301	Fisheries—commercial	030301	Fisheries—commercial
630302	Fisheries—recreational	030302	Fisheries—recreational
630303	Aquaculture	030303	Aquaculture
630399	Fish not elsewhere classified	030399	Fishing n.e.c.

630400	PRIMARY PRODUCTS FROM ANIMALS		
630401	Minimally processed fish	030401	Minimally processed fish
630402	Minimally processed milk	030402	Minimally processed milk
630403	Raw wool	030403	Raw wool
630404	Hides and skins	030404	Hides and skins
630499	Primary animal products not elsewhere classified	030499	Primary animal products n.e.c.

1998 SEO	1993 SEO
	(p = partial)

630500	SUSTAINABLE ANIMAL PRODUCTION SYSTEMS		
630501	Livestock	170201 *p*	Climate and atmosphere
		170203 *p*	Water
		170204 *p*	Land
		170205 *p*	Nature conservation
		170206 *p*	Social environment
		170299 *p*	Other
630502	Pasture, browse and fodder crops	170201 *p*	Climate and atmosphere
		170203 *p*	Water
		170204 *p*	Land
		170205 *p*	Nature conservation
		170206 *p*	Social environment
		170299 *p*	Other
630503	Fish	170201 *p*	Climate and atmosphere
		170202	Ocean
		170203 *p*	Water
		170205 *p*	Nature conservation
		170206 *p*	Social environment
		170299 *p*	Other
630504	Primary products from animals	170201 *p*	Climate and atmosphere
		170203 *p*	Water
		170204 *p*	Land
		170205 *p*	Nature conservation
		170206 *p*	Social environment
		170299 *p*	Other

SUBDIVISION 640000 MINERAL RESOURCES (EXCL. ENERGY)

640100	EXPLORATION		
640101	Iron ores (i.e. ferrous ores)	040101	Iron ores (i.e. ferrous ores)
640102	Aluminium ores	040102	Aluminium ores
640103	Precious (noble) metal ores	040103	Precious (noble) metal ores
640104	Titanium minerals, zircon, and rare earth metal ores (e.g. monazite)	040104	Titanium minerals, zircon, and rare earth metal ores (e.g. monazite)
640105	Other non-ferrous ores (e.g. copper, zinc)	040105	Other non-ferrous ores (e.g. copper, zinc)
640106	Stone and clay	040106	Stone and clay
640199	Other non-metallic minerals (incl. diamonds)	040199	Other non-metallic minerals (incl. diamonds)
640200	PRIMARY MINING AND EXTRACTION PROCESSES		
640201	Iron ores (i.e. ferrous ores)	040201	Iron ores (i.e. ferrous ores)
640202	Aluminium ores	040202	Aluminium ores
640203	Precious (noble) metal ores	040203	Precious (noble) metal ores
640204	Titanium minerals, zircon, and rare earth metal ores (e.g. monazite)	040204	Titanium minerals, zircon, and rare earth metal ores (e.g. monazite)
640205	Other non-ferrous ores (e.g. copper, zinc)	040205	Other non-ferrous ores (e.g. copper, zinc)
640206	Stone and clay	040206	Stone and clay
640299	Other non-metallic minerals (incl. diamonds)	040299	Other non-metallic minerals (incl. diamonds)
640300	FIRST STAGE TREATMENT OF ORES AND MINERALS		
640301	Beneficiation or dressing of iron ores	040301	Beneficiation or dressing of iron ores
640302	Alumina production	040302	Alumina production
640303	Other beneficiation of bauxite and aluminium ores	040303	Other beneficiation of bauxite and aluminium ores
640304	Concentrating processes of other base metal ores	040304	Concentrating processes of other base metal ores
640305	Production of unrefined precious metal ingots and concentrates	040305	Production of unrefined precious metal ingots and concentrates
640306	Beneficiation or dressing of non-metallic minerals (incl. diamonds)	040306	Beneficiation or dressing of non-metallic minerals (incl. diamonds)
640399	Other	040399	Other

640400	PREVENTION AND TREATMENT OF POLLUTION		
640401	Exploration	170301 *p*	Climate and atmosphere
		170302 *p*	Ocean
		170303 *p*	Water
		170304 *p*	Land
		170305 *p*	Nature conservation
		170306 *p*	Social environment
		170399 *p*	Other
640402	Primary mining and extraction processes	170301 *p*	Climate and atmosphere
		170302 *p*	Ocean
		170303 *p*	Water
		170304 *p*	Land
		170305 *p*	Nature conservation
		170306 *p*	Social environment
		170399 *p*	Other
640403	First stage treatment of ores and minerals	170301 *p*	Climate and atmosphere
		170302 *p*	Ocean
		170303 *p*	Water
		170304 *p*	Land
		170305 *p*	Nature conservation
		170306 *p*	Social environment
		170399 *p*	Other

SUBDIVISION 650000 ENERGY RESOURCES

1998 SEO		1993 SEO		
650100	EXPLORATION			
650101	Uranium	050101		Uranium
650102	Coal	050102		Coal
650103	Oil and gas	050103		Oil and gas
650104	Oil shale and tar sands	050104		Oil shale and tar sands
650199	Other	050199		Other
650200	MINING AND EXTRACTION			
650201	Uranium	050201		Uranium
650202	Coal	050202		Coal
650203	Oil and gas	050203		Oil and gas
650204	Oil shale and tar sands	050204		Oil shale and tar sands
650299	Other	050299		Other
650300	PREPARATION AND SUPPLY OF ENERGY SOURCE MINERALS			
650301	Uranium	050301		Uranium
650302	Coal	050302		Coal
650303	Oil and gas	050303		Oil and gas
650304	Oil shale and tar sands	050304		Oil shale and tar sands
650399	Energy minerals not elsewhere classified	050399		Energy minerals n.e.c.
650400	PREVENTION AND TREATMENT OF POLLUTION			
650401	Exploration	170401	*p*	Climate and atmosphere
		170402	*p*	Ocean
		170403	*p*	Water
		170404	*p*	Land
		170405	*p*	Nature conservation
		170406	*p*	Social environment
		170499	*p*	Other
650402	Mining and extraction	170401	*p*	Climate and atmosphere
		170402	*p*	Ocean
		170403	*p*	Water
		170404	*p*	Land
		170405	*p*	Nature conservation
		170406	*p*	Social environment
		170499	*p*	Other
650403	Preparation and supply of energy source minerals	170401	*p*	Climate and atmosphere
		170402	*p*	Ocean
		170403	*p*	Water
		170404	*p*	Land
		170405	*p*	Nature conservation
		170406	*p*	Social environment
		170499	*p*	Other
659900	OTHER			
659999	Other (e.g. safety)	059999		Other (e.g. safety)

SUBDIVISION 660000 ENERGY SUPPLY

660100	ENERGY TRANSFORMATION		
660101	Coal—electricity	060101	Coal—electricity
660102	Coal—conversion to liquid fuels	060102	Coal—conversion to liquid fuels
660103	Coal—other purposes	060103	Coal—other purposes
660104	Nuclear	060104	Nuclear
660105	Refined oil and gas	060105	Refined oil and gas
660106	Gas—conversion to liquid fuels	060106	Gas—conversion to liquid fuels
660107	Oil shale and tar sands—conversion to liquid fuels	060107	Oil shale and tar sands—conversion to liquid fuels
660199	Energy transformation not elsewhere classified	060199	Energy transformation n.e.c.

660200	RENEWABLE ENERGY		
660201	Hydro-electric	060201	Hydro-electric
660202	Wind	060202	Wind
660203	Ocean	060203	Ocean
660204	Solar-thermal	060204	Solar-thermal
660205	Solar-photoelectric	060205	Solar-photoelectric
660206	Solar-thermal electric	060206	Solar-thermal electric
660299	Renewable energy not elsewhere classified (e.g. geothermal)	060299	Renewable energy n.e.c. (e.g. geothermal)

660300	ENERGY STORAGE AND DISTRIBUTION		
660301	Electricity transmission	060301	Electricity transmission
660302	Gas distribution	060302	Gas distribution
660303	Energy storage	060303	Energy storage
660304	Energy systems analysis	060304	Energy systems analysis
660399	Energy distribution not elsewhere classified	060399	Energy distribution n.e.c.

660400	CONSERVATION AND EFFICIENCY		
660401	Industry	060401	Industry
660402	Residential and commercial	060402	Residential and commercial
660403	Transport	060403	Transport
660499	Other	060499	Other

660500	PREVENTION AND TREATMENT OF POLLUTION		
660501	Energy transformation	170501 *p*	Climate and atmosphere
		170502 *p*	Ocean
		170503 *p*	Water
		170504 *p*	Land
		170505 *p*	Nature conservation
		170506 *p*	Social environment
		170599 *p*	Other
660502	Renewable energy	170501 *p*	Climate and atmosphere
		170502 *p*	Ocean
		170503 *p*	Water
		170504 *p*	Land
		170505 *p*	Nature conservation
		170506 *p*	Social environment
		170599 *p*	Other
660503	Energy storage and distribution	170501 *p*	Climate and atmosphere
		170502 *p*	Ocean
		170503 *p*	Water
		170504 *p*	Land
		170505 *p*	Nature conservation
		170506 *p*	Social environment
		170599 *p*	Other
660504	Conservation and efficiency	170501 *p*	Climate and atmosphere
		170502 *p*	Ocean
		170503 *p*	Water
		170504 *p*	Land
		170505 *p*	Nature conservation
		170506 *p*	Social environment
		170599 *p*	Other
669900	OTHER		
669999	Other	069999	Other

SUBDIVISION 670000 MANUFACTURING

670100	PROCESSED FOOD PRODUCTS AND BEVERAGES		
670101	Carcass meat	070101	Carcass meat
670102	Meat products	070102	Meat products
670103	Fish products	070103	Fish products
670104	Fruit and vegetable products (incl. fruit juices)	070104	Fruit and vegetable products (incl. fruit juices)
670105	Dairy products	070105	Dairy products
670106	Oils and fats (incl. margarines)	070106	Oils and fats (incl. margarines)
670107	Grain mill products, starch and starch products (incl. sugar, bakery products)	070107	Grain mill products, starch and starch products (incl. sugar, bakery products)
670108	Beverages (e.g. alcohol, wines, soft drinks, excl. fruit juices)	070108	Beverages (e.g. alcohol, wines, soft drinks, excl. fruit juices)
670199	Processed food products and beverages not elsewhere classified	070199	Processed food products and beverages n.e.c.
670200	FIBRE PROCESSING AND TEXTILES; FOOTWEAR AND LEATHER PRODUCTS		
670201	Cotton ginning	070201	Cotton ginning
670202	Wool scouring and top making	070202	Wool scouring and top making
670203	Natural yarns and fabrics	070203	Natural yarns and fabrics
670204	Synthetic fibres, yarns and fabrics	070204	Synthetic fibres, yarns and fabrics
670205	Other fibre processing and textiles	070205	Other fibre processing and textiles
670206	Processed skins, leather and leather products not elsewhere classified	070206	Processed skins, leather and leather products n.e.c.
670207	Clothing	070207	Clothing
670208	Footwear	070208	Footwear
670299	Other	070299	Other
670300	WOOD, WOOD PRODUCTS AND PAPER		
670301	Hardwood sawing and veneer	070301	Hardwood sawing and veneer
670302	Softwood sawing and veneer	070302	Softwood sawing and veneer
670303	Pulp and paper	070303	Pulp and paper
670304	Reconstituted products (e.g. chipboard, particle board)	070304	Reconstituted products (e.g. chipboard, particle board)
670305	Woodchips	070305	Woodchips
670306	Wood products not elsewhere classified	070306	Wood products n.e.c.
670307	Paper products	070307	Paper products
670308	Printing and publishing processes	070308	Printing and publishing processes
670399	Other	070399	Other

670400	HUMAN PHARMACEUTICAL PRODUCTS			
670401	Prevention—biologicals (e.g. vaccines)	070401	Prevention—biologicals (e.g. vaccines)
670402	Diagnostics	070402	Diagnostics
670403	Treatments (e.g. chemicals, antibiotics)	070403	Treatments (e.g. chemicals, antibiotics)
670499	Other	070499	Other

670500	VETERINARY PHARMACEUTICAL PRODUCTS		
670501	Prevention—biologicals (e.g. vaccines)	070501	Prevention—biologicals (e.g. vaccines)
670502	Diagnostics	070502	Diagnostics
670503	Treatments (e.g. chemicals, antibiotics)	070503	Treatments (e.g. chemicals, antibiotics)
670599	Other (incl. production enhancement)	070599	Other (incl. production enhancement)

670600	AGRICULTURAL CHEMICALS		
670601	Chemical fertilisers	070601	Chemical fertilisers
670602	Crop and animal protection chemicals	070602	Crop and animal protection chemicals
670699	Agricultural chemicals not elsewhere classified	070699	Agricultural chemicals n.e.c.

670700	INDUSTRIAL CHEMICALS AND RELATED PRODUCTS		
670701	Industrial gases	070701	Industrial gases
670702	Synthetic resins and rubber	070702	Synthetic resins and rubber
670703	Rubber products	070703	Rubber products
670704	Plastics in primary forms	070704	Plastics in primary forms
670705	Plastic products (incl. construction materials)	070705	Plastic products (incl. construction materials)
670706	Organic industrial chemicals not elsewhere classified	070706	Organic industrial chemicals n.e.c.
670707	Inorganic industrial chemicals	070707	Inorganic industrial chemicals
670708	Paints	070708	Paints
670709	Soaps and cosmetics	070709	Soaps and cosmetics
670710	Bituminous products	070710	Bituminous products
670711	Lubricants	070711	Lubricants
670799	Other	070799	Other

670800	BASIC METAL PRODUCTS (INCL. SMELTING)		
670801	Iron and steel (e.g. ingots, bars, rods, shapes and sections)	070801	Iron and steel (e.g. ingots, bars, rods, shapes and sections)
670802	Aluminium	070802	Aluminium
670803	Precious metals (e.g. refined bullion, wire and strip)	070803	Precious metals (e.g. refined bullion, wire and strip)
670899	Other non-ferrous metals (e.g. copper, zinc)	070899	Other non-ferrous metals (e.g. copper, zinc)

670900	CERAMICS, GLASS AND INDUSTRIAL MINERAL PRODUCTS			
670901	Ceramics	070901	Ceramics
670902	Structural glass and glass products	070902	Structural glass and glass products
670903	Clay products	070903	Clay products
670904	Cement and concrete products	070904	Cement and concrete products
670999	Ceramics, glass and industrial mineral products not elsewhere classified	070999	Ceramics, glass and industrial mineral products n.e.c.

671000	FABRICATED METAL PRODUCTS			
671001	Structural metal products	071001	Structural metal products
671002	Sheet metal products	071002	Sheet metal products
671003	Semi-finished products	071003	Semi-finished products
671004	Castings	071004	Castings
671005	Machined products	071005	Machined products
671099	Fabricated metal products not elsewhere classified	071099	Fabricated metal products n.e.c.

671100	TRANSPORT EQUIPMENT			
671101	Automotive equipment	071101	Automotive equipment
671102	Rail equipment	071102	Rail equipment
671103	Nautical equipment	071103	Nautical equipment
671104	Aerospace equipment	071104	Aerospace equipment
671199	Transport equipment not elsewhere classified	071199	Transport equipment n.e.c.

671200	COMPUTER HARDWARE AND ELECTRONIC EQUIPMENT			
671201	Integrated circuits and devices	071201	Integrated circuits and devices
671202	Modules—special and attached processors	071202	Modules—special and attached processors
671203	Modules—other processes	071203	Modules—other processes
671204	Electronic office equipment	071204	Electronic office equipment
671205	Computer equipment	071205	Computer equipment
671206	Integrated systems	071206	Integrated systems
671299	Computer hardware and electronic equipment not elsewhere classified	071299	Computer hardware and electronic equipment n.e.c.

671300	COMMUNICATION EQUIPMENT			
671301	Broadcasting equipment	071301	Broadcasting equipment
671302	Postal equipment	071302	Postal equipment
671303	Voice equipment	071303	Voice equipment
671304	Data, image and text equipment	071304	Data, image and text equipment
671305	Network transmission equipment	071305	Network transmission equipment
671306	Network switching equipment	071306	Network switching equipment
671399	Communication equipment not elsewhere classified	071399	Communication equipment n.e.c.

671400	INSTRUMENTATION			
671401	Scientific instrumentation	071401	Scientific instrumentation
671402	Medical instrumentation	071402	Medical instrumentation
671403	Industrial instrumentation	071403	Industrial instrumentation
671404	Photographic equipment	071404	Photographic equipment
671499	Instrumentation not elsewhere classified	071499	Instrumentation n.e.c.

671500	MACHINERY AND EQUIPMENT			
671501	Agricultural machinery and equipment	071501	Agricultural machinery and equipment
671502	Mining machinery and equipment	071502	Mining machinery and equipment
671503	Appliances and electrical machinery and equipment	071503	Appliances and electrical machinery and equipment
671504	Industrial machinery and equipment	071504	Industrial machinery and equipment
671505	Construction machinery and equipment	071505	Construction machinery and equipment
671599	Machinery and equipment not elsewhere classified	071599	Machinery and equipment n.e.c.
671600	OTHER MANUFACTURED PRODUCTS		
671601	Tobacco products	079901	Tobacco products
671602	Furniture	079902	Furniture
671603	Prefabricated buildings	079903	Prefabricated buildings
671699	Manufactured products not elsewhere classified	079999	Manufactured products n.e.c.
671700	PREVENTION AND TREATMENT OF POLLUTION		
671701	Processed food products and beverages	170601 *p*	Climate and atmosphere
		170602 *p*	Ocean
		170603 *p*	Water
		170604 *p*	Land
		170605 *p*	Nature conservation
		170606 *p*	Social environment
		170699 *p*	Other
671702	Fibre processing and textiles; footwear and leather products	170601 *p*	Climate and atmosphere
		170602 *p*	Ocean
		170603 *p*	Water
		170604 *p*	Land
		170605 *p*	Nature conservation
		170606 *p*	Social environment
		170699 *p*	Other
671703	Wood, wood products and paper	170601 *p*	Climate and atmosphere
		170602 *p*	Ocean
		170603 *p*	Water
		170604 *p*	Land
		170605 *p*	Nature conservation
		170606 *p*	Social environment
		170699 *p*	Other
671704	Human pharmaceutical products	170601 *p*	Climate and atmosphere
		170602 *p*	Ocean
		170603 *p*	Water
		170604 *p*	Land
		170605 *p*	Nature conservation
		170606 *p*	Social environment
		170699 *p*	Other
671705	Veterinary pharmaceutical products	170601 *p*	Climate and atmosphere
		170602 *p*	Ocean
		170603 *p*	Water
		170604 *p*	Land
		170605 *p*	Nature conservation
		170606 *p*	Social environment
		170699 *p*	Other
671706	Agricultural chemicals	170601 *p*	Climate and atmosphere
		170602 *p*	Ocean
		170603 *p*	Water
		170604 *p*	Land
		170605 *p*	Nature conservation
		170606 *p*	Social environment
		170699 *p*	Other

671700 PREVENTION AND TREATMENT OF
POLLUTION *continued*

671707	Industrial chemicals and related products	170601 *p* Climate and atmosphere
		170602 *p* Ocean
		170603 *p* Water
		170604 *p* Land
		170605 *p* Nature conservation
		170606 *p* Social environment
		170699 *p* Other
671708	Basic metal products (incl. smelting)	170601 *p* Climate and atmosphere
		170602 *p* Ocean
		170603 *p* Water
		170604 *p* Land
		170605 *p* Nature conservation
		170606 *p* Social environment
		170699 *p* Other
671709	Ceramics, glass and industrial mineral products	170601 *p* Climate and atmosphere
		170602 *p* Ocean
		170603 *p* Water
		170604 *p* Land
		170605 *p* Nature conservation
		170606 *p* Social environment
		170699 *p* Other
671710	Fabricated metal products	170601 *p* Climate and atmosphere
		170602 *p* Ocean
		170603 *p* Water
		170604 *p* Land
		170605 *p* Nature conservation
		170606 *p* Social environment
		170699 *p* Other
671711	Transport equipment	170601 *p* Climate and atmosphere
		170602 *p* Ocean
		170603 *p* Water
		170604 *p* Land
		170605 *p* Nature conservation
		170606 *p* Social environment
		170699 *p* Other
671712	Computer hardware and electronic equipment	170601 *p* Climate and atmosphere
		170602 *p* Ocean
		170603 *p* Water
		170604 *p* Land
		170605 *p* Nature conservation
		170606 *p* Social environment
		170699 *p* Other
671713	Communication equipment	170601 *p* Climate and atmosphere
		170602 *p* Ocean
		670603 *p* Water
		170604 *p* Land
		170605 *p* Nature conservation
		170606 *p* Social environment
		170699 *p* Other
671714	Instrumentation	170601 *p* Climate and atmosphere
		170602 *p* Ocean
		170603 *p* Water
		170604 *p* Land
		170605 *p* Nature conservation
		170606 *p* Social environment
		170699 *p* Other

(p = partial)

671700   PREVENTION AND TREATMENT OF
              POLLUTION *continued*

671715 Machinery and equipment	170601 *p* Climate and atmosphere
	170602 *p* Ocean
	170603 *p* Water
	170604 *p* Land
	170605 *p* Nature conservation
	170606 *p* Social environment
	170699 *p* Other
671716 Other manufactured products	170601 *p* Climate and atmosphere
	170602 *p* Ocean
	170603 *p* Water
	170604 *p* Land
	170605 *p* Nature conservation
	170606 *p* Social environment
	170699 *p* Other

SUBDIVISION 680000 CONSTRUCTION

680100	PLANNING		
680101	Housing	080101	Housing
680102	Commercial	080102	Commercial
680103	Civil	080103	Civil
680104	Industrial	080104	Industrial
680199	Other	080199	Other
680200	DESIGN		
680201	Housing	080201	Housing
680202	Commercial	080202	Commercial
680203	Civil	080203	Civil
680204	Industrial	080204	Industrial
680299	Other	080299	Other
680300	MATERIALS PERFORMANCE AND PROCESSES		
680301	Stone, ceramics and clay materials	080301	Stone, ceramics and clay materials
680302	Cement and concrete materials	080302	Cement and concrete materials
680303	Polymeric materials (e.g. paints)	080303	Polymeric materials (e.g. paints)
680304	Timber materials	080304	Timber materials
680305	Metals (composites, coatings, bonding, etc.)	080305	Metals (composites, coatings, bonding, etc.)
680399	Other	080399	Other
680400	CONSTRUCTION PROCESSES		
680401	Housing	080401	Housing
680402	Commercial	080402	Commercial
680403	Civil	080403	Civil
680404	Industrial	080404	Industrial
680499	Other	080499	Other
680500	BUILDING MANAGEMENT AND SERVICES		
680501	Housing	080501	Housing
680502	Commercial	080502	Commercial
680503	Civil	080503	Civil
680504	Industrial	080504	Industrial
680599	Other	080599	Other

680600	PREVENTION AND TREATMENT OF POLLUTION			
680601	Planning	170701	*p*	Climate and atmosphere
		170702	*p*	Ocean
		170703	*p*	Water
		170704	*p*	Land
		170705	*p*	Nature conservation
		170706	*p*	Social environment
		170799	*p*	Other
680602	Design	170701	*p*	Climate and atmosphere
		170702	*p*	Ocean
		170703	*p*	Water
		170704	*p*	Land
		170705	*p*	Nature conservation
		170706	*p*	Social environment
		170799	*p*	Other
680603	Materials performance and processes	170701	*p*	Climate and atmosphere
		170702	*p*	Ocean
		170703	*p*	Water
		170704	*p*	Land
		170705	*p*	Nature conservation
		170706	*p*	Social environment
		170799	*p*	Other
680604	Construction processes	170701	*p*	Climate and atmosphere
		170702	*p*	Ocean
		170703	*p*	Water
		170704	*p*	Land
		170705	*p*	Nature conservation
		170706	*p*	Social environment
		170799	*p*	Other
680605	Building management and services	170701	*p*	Climate and atmosphere
		170702	*p*	Ocean
		170703	*p*	Water
		170704	*p*	Land
		170705	*p*	Nature conservation
		170706	*p*	Social environment
		170799	*p*	Other

SUBDIVISION 690000 TRANSPORT

690100	GROUND TRANSPORT		
690101	Road safety	090101	Road safety
690102	Other road transport	090102	Other road transport
690103	Rail transport	090103	Rail transport
690199	Ground transport not elsewhere classified	090199	Ground transport not elsewhere classified

690200	WATER TRANSPORT		
690201	International sea transport	090201	International sea transport
690202	Coastal water transport	090202	Coastal water transport
690203	Inland water transport	090203	Inland water transport

690300	AIR TRANSPORT		
690301	Air transport	090301	Air transport
690302	Space transport	090302	Space transport

690400	OTHER TRANSPORT		
690401	Multimodal transport	099901	Multimodal transport
690402	Intermodal materials handling	099902	Intermodal materials handling
690499	Transport not elsewhere classified	099999	Transport not elsewhere classified

690500	PREVENTION AND TREATMENT OF POLLUTION		
690501	Ground transport	170801 *p*	Climate and atmosphere
		170802 *p*	Ocean
		170803 *p*	Water
		170804 *p*	Land
		170805 *p*	Nature conservation
		170806 *p*	Social environment
		170899 *p*	Other
690502	Water transport	170801 *p*	Climate and atmosphere
		170802 *p*	Ocean
		170803 *p*	Water
		170804 *p*	Land
		170805 *p*	Nature conservation
		170806 *p*	Social environment
		170899 *p*	Other
690503	Air transport	170801 *p*	Climate and atmosphere
		170802 *p*	Ocean
		170803 *p*	Water
		170804 *p*	Land
		170805 *p*	Nature conservation
		170806 *p*	Social environment
		170899 *p*	Other
690504	Other transport	170801 *p*	Climate and atmosphere
		170802 *p*	Ocean
		170803 *p*	Water
		170804 *p*	Land
		170805 *p*	Nature conservation
		170806 *p*	Social environment
		170899 *p*	Other

(p = partial)

SUBDIVISION 700000 INFORMATION AND COMMUNICATION SERVICES

1998 SEO		1993 SEO	
700100	COMPUTER SOFTWARE AND SERVICES		
700101	Application packages	100101	Application packages
700102	Application tools and system utilities	100102	Application tools and system utilities
700103	Information processing services	100103	Information processing services
700199	Computer software and services not elsewhere classified	100199	Computer software and services n.e.c.
		190501 *p*	Information, computer and communications technologies
700200	OTHER INFORMATION SERVICES		
700201	Library and related information services	100201	Library and related information services
700299	Information services not elsewhere classified	100299	Information services n.e.c.
		190501 *p*	Information, computer and communications technologies
700300	COMMUNICATION SERVICES		
700301	Broadcasting	100301	Broadcasting
700302	Telecommunications	100302	Telecommunications
700303	Postal communications	100303	Postal communications
700399	Communication services not elsewhere classified	100399	Communications services n.e.c.
		190501 *p*	Information, computer and communications technologies
700400	PREVENTION AND TREATMENT OF POLLUTION		
700401	Prevention and treatment of pollution	170901	Climate and atmosphere
		170902	Ocean
		170903	Water
		170904	Land
		170905	Nature conservation
		170906	Social environment
		170999	Other

(p = partial)

SUBDIVISION 710000 COMMERCIAL SERVICES AND TOURISM

710100	ELECTRICITY, GAS AND WATER SERVICES AND UTILITIES		
710101	Electricity services and utilities	110101	Electricity services and utilities
710102	Gas services and utilities	110102	Gas services and utilities
710103	Water services and utilities	110103	Water services and utilities
710200	WASTE MANAGEMENT AND RECYCLING		
710201	Waste management	110201	Waste management
710202	Recycling	110202	Recycling
710299	Other	110299	Other
710300	WHOLESALE AND RETAIL TRADE		
710301	Wholesale trade	110301	Wholesale trade
710302	Retail trade	110302	Retail trade
710400	FINANCE, PROPERTY AND BUSINESS SERVICES		
710401	Finance and investment services	110401	Finance and investment services
710402	Insurance services	110402	Insurance services
710403	Property and business services	110403	Property and business services
710500	TOURISM		
710501	Economic issues	119902 *p*	Tourism services
710502	Socio-cultural issues	119902 *p*	Tourism services
710503	Tourism infrastructure development	119902 *p*	Tourism services
710599	Tourism not elsewhere classified	119902 *p*	Tourism services
710600	OTHER COMMERCIAL SERVICES		
710601	Recreational services	119901	Recreational services
710602	Hospitality services	119999 *p*	Commercial services n.e.c.
710603	Commercial security services	119903	Commercial security services
710699	Commercial services not elsewhere classified	119999 *p*	Commercial services n.e.c.

710700	PREVENTION AND TREATMENT OF POLLUTION		
710701	Electricity, gas and water services and utilities	171001 *p*	Climate and atmosphere
		171002 *p*	Ocean
		171003 *p*	Water
		171004 *p*	Land
		171005 *p*	Nature conservation
		171006 *p*	Social environment
		171099 *p*	Other
710702	Waste management and recycling	171001 *p*	Climate and atmosphere
		171002 *p*	Ocean
		171003 *p*	Water
		171004 *p*	Land
		171005 *p*	Nature conservation
		171006 *p*	Social environment
		171099 *p*	Other
710703	Wholesale and retail trade	171001 *p*	Climate and atmosphere
		171002 *p*	Ocean
		171003 *p*	Water
		171004 *p*	Land
		171005 *p*	Nature conservation
		171006 *p*	Social environment
		171099 *p*	Other
710704	Finance, property and business services	171001 *p*	Climate and atmosphere
		171002 *p*	Ocean
		171003 *p*	Water
		171004 *p*	Land
		171005 *p*	Nature conservation
		171006 *p*	Social environment
		171099 *p*	Other
710705	Tourism	171001 *p*	Climate and atmosphere
		171002 *p*	Ocean
		171003 *p*	Water
		171004 *p*	Land
		171005 *p*	Nature conservation
		171006 *p*	Social environment
		171099 *p*	Other
710706	Other commercial services	171001 *p*	Climate and atmosphere
		171002 *p*	Ocean
		171003 *p*	Water
		171004 *p*	Land
		171005 *p*	Nature conservation
		171006 *p*	Social environment
		171099 *p*	Other

1998 SEO	1993 SEO
	(p = partial)

SUBDIVISION 720000 ECONOMIC FRAMEWORK

720100	MACROECONOMIC ISSUES		
720101	Fiscal policy	120101	Fiscal policy
720102	Monetary policy	120102	Monetary policy
720103	Exchange rates	120103	Exchange rates
720104	Balance of payments	120104	Balance of payments
720105	Income policy	120105	Income policy
720106	Taxation	120106	Taxation
720199	Macroeconomic issues not elsewhere classified	120199	Macroeconomic issues n.e.c.
720200	MICROECONOMIC ISSUES		
720201	Microeconomic effects of taxation	120201	Microeconomic effects of taxation
720202	Consumption	120202	Consumption
720203	Industrial organisations	120203	Industrial organisations
720204	Industry policy	120204	Industry policy
720205	Industry costs and structure	120205	Industry costs and structure
720299	Microeconomic issues not elsewhere classified	120299	Microeconomic issues n.e.c.
720300	INTERNATIONAL TRADE ISSUES		
720301	Trade policy	120301	Trade policy
720302	Assistance and protection	120302	Assistance and protection
720303	International agreements on trade	120303	International agreements on trade
720399	International trade issues not elsewhere classified	120399	International trade issues n.e.c.
720400	MANAGEMENT AND PRODUCTIVITY ISSUES		
720401	Marketing	120401	Marketing
720402	Industrial relations	120402	Industrial relations
720403	Management	120403	Management
720404	Productivity	120404	Productivity
720499	Management and productivity issues not elsewhere classified	129999 *p*	Other economic issues
720500	MEASUREMENT STANDARDS AND CALIBRATION SERVICES		
720501	Defence standards and calibrations	120501	Defence standards and calibrations
720502	Manufacturing standards and calibrations	120502	Manufacturing standards and calibrations
720503	Service industries standards and calibrations	120503	Service industries standards and calibrations
720599	Measurement standards and calibration services not elsewhere classified	120599	Measurement standards and calibration services n.e.c.
729900	OTHER ECONOMIC ISSUES		
729901	Technological and organisational innovation	129999 *p*	Other economic issues
729999	Economic issues not elsewhere classified	129999 *p*	Other economic issues

DIVISION 3 SOCIETY

SUBDIVISION 730000 HEALTH

730100	CLINICAL (ORGANS, DISEASES AND ABNORMAL CONDITIONS)		
730101	Infectious diseases	130101	Infectious diseases
730102	Immune system and allergy	130102	Immune system and allergy
730103	Blood disorders	130103	Blood disorders
730104	Nervous system and disorders	130104	Neurological disorders
730105	Endocrine organs and diseases (incl. diabetes)	130105	Endocrine diseases (incl. diabetes)
730106	Cardiovascular system and diseases	130106	Cardiovascular diseases
730107	Inherited diseases (incl. gene therapy)	130107	Inherited diseases
730108	Cancer and related disorders	130108	Cancer and related disorders
730109	Surgical methods and procedures	130109	Surgical methods and procedures
730110	Respiratory system and diseases (incl. asthma)	130110	Respiratory diseases (incl. asthma)
730111	Hearing, vision, speech and their disorders	130111	Hearing, vision and speech
730112	Oro-dental and disorders	130112	Oro-dental
730113	Digestive system and disorders	130113	Digestive system
730114	Skeletal system and disorders (incl. arthritis)	130114	Arthritis, bone and joint disorders
730115	Urogenital system and disorders	130115	Kidney diseases
730116	Reproductive system and disorders	130116	Reproductive medicine
730117	Skin and related disorders	130117	Skin and related conditions
730118	Organs, diseases and abnormal conditions not elsewhere classified	130118	Other organs, diseases and conditions
730199	Clinical health not specific to particular organs, diseases and conditions	130199	Clinical health not specific to particular organs, diseases and conditions

730200	PUBLIC HEALTH		
730201	Women's health	130201	Women's health
730202	Men's health	130299 *p*	Public health n.e.c.
730203	Health related to ageing	130202	Health related to ageing
730204	Child health	130203	Child health
730205	Substance abuse	130205	Substance abuse
730206	Aboriginal and Torres Strait Islander health	130204	Aboriginal health
730207	Health related to specific ethnic groups	130299 *p*	Public health n.e.c.
730208	Occupational health (excl. economic development aspects)	130206	Occupational health (excl. economic development aspects)
730209	Rural health	130299 *p*	Public health n.e.c.
730210	Environmental health	130207	Environmental health
		160604	Environmental health
730211	Mental health	130208	Mental health
730212	Disease distribution and transmission	130209	Disease distribution and transmission
730213	Preventive medicine	130210	Preventive medicine
730214	Dental health	130211	Dental health
730215	Nutrition	130212	Nutrition
730216	Food safety	130213	Food safety
730217	Health status (e.g. indicators of "well-being")	130214	Health status (e.g. indicators of "well-being")
730218	Social structure and health	130215	Social structure and health
730219	Behaviour and health	130216	Behaviour and health
730220	Injury control	130299 *p*	Public health n.e.c.
730299	Public health not elsewhere classified	130299 *p*	Public health n.e.c.
730300	HEALTH AND SUPPORT SERVICES		
730301	Health education and promotion	130301	Health education and promotion
730302	Nursing	130302	Nursing
730303	Occupational, speech and physiotherapy	130303	Occupational, speech and physiotherapy
730304	Palliative care	130304	Palliative care
730305	Diagnostic methods	130305	Diagnostic methods
730306	Evaluation of health outcomes	130306	Evaluation of health outcomes
730307	Health policy evaluation	130307	Health policy evaluation
730308	Health policy economic outcomes	130308	Health policy economic outcomes
730399	Health and support services not elsewhere classified	130399	Health and support services n.e.c.
		191001	Medical and health sciences

SUBDIVISION 740000 EDUCATION AND TRAINING

740100	EARLY CHILDHOOD AND PRIMARY EDUCATION			
740101	Early childhood education	140101	Early childhood education
740102	Primary education	140102	Primary education
740200	SECONDARY EDUCATION			
740201	Secondary education	140201	Secondary education
740300	HIGHER EDUCATION			
740301	Higher education	140301	Higher education
740400	VOCATIONAL EDUCATION AND TRAINING			
740401	Vocational education and training	140401	Technical and further education
740500	SPECIAL EDUCATION			
740501	Special education	140501	Handicapped education
		140502	Disadvantaged education
		140599	Special education n.e.c.
749900	OTHER EDUCATION			
749901	Occupational training	149901	Occupational training
749902	Continuing education	149902	Continuing education
749903	Aboriginal and Torres Strait Islander education	149999 *p*	Education and training n.e.c.
749904	Education across cultures	149999 *p*	Education and training n.e.c.
749905	Gender aspects of education	149999 *p*	Education and training n.e.c.
749906	Education policy	149903	Education policy
749999	Education and training not elsewhere classified	149999 *p*	Education and training n.e.c.
		160603	Education and training

SUBDIVISION 750000 SOCIAL DEVELOPMENT AND COMMUNITY SERVICES

750100	WORK		
750101	Employment	150101	Unemployment (excl. industrial relations, occupational health)
750102	Changing work patterns	150199 *p*	Community services n.e.c.
750103	The professions and professionalisation	150199 *p*	Community services n.e.c.
750104	Preserving institutional and organisational histories	150199 *p*	Community services n.e.c.
750199	Work not elsewhere classified	150199 *p*	Community services n.e.c.
750200	ARTS AND LEISURE		
750201	The performing arts (incl. music, theatre and dance)	150301 *p*	Artistic endeavours
750202	The creative arts	150301 *p*	Artistic endeavours
750203	Organised sports	150302	Sport
750204	Recreation	150303	Recreation
750299	Arts and leisure not elsewhere classified	150301 *p*	Artistic endeavours
750300	COMMUNITY SERVICE (EXCL. WORK)		
750301	The distribution of wealth	150199 *p*	Community services n.e.c.
750302	Class	150199 *p*	Community services n.e.c.
750303	Gender	150199 *p*	Community services n.e.c.
750304	The aged	150103	Aged persons development and welfare
750305	Ability and disability	150105	Disabled persons development and welfare
750306	Ethnicity and multiculturalism	150199 *p*	Community services n.e.c.
750307	Families	150106	Family development and welfare
750308	National identity	150199 *p*	Community services n.e.c.
750309	Aboriginal and Torres Strait Islander development and welfare	150102	Aboriginal development and welfare
750310	Carers development and welfare (i.e. carers for the aged, disabled)	150104	Carers development and welfare (i.e. carers for the aged, disabled)
750311	Migrant development and welfare	150107	Migrant development and welfare
750312	Youth/child development and welfare	150108	Youth/child development and welfare
750399	Community services not elsewhere classified	150199 *p*	Community services n.e.c.
750400	RELIGION AND ETHICS		
750401	Religion and society	159999 *p*	Other social development and community services
750402	Religious structures and rituals	159999 *p*	Other social development and community services
750403	Bioethics	150501	Bioethics
750404	Social ethics	150599 *p*	Ethical issues n.e.c.
750405	Environmental ethics	150599 *p*	Ethical issues n.e.c.
750406	Business ethics	150502	Business ethics
750499	Religion and ethics not elsewhere classified	150599 *p*	Ethical issues n.e.c.
		159999 *p*	Other social development and community services

750500	JUSTICE AND THE LAW		
750501	Ownership of the land	150299 *p*	Public services n.e.c.
750502	Consumer affairs	150201	Consumer affairs
750503	Understanding legal processes	150299 *p*	Public services n.e.c.
750504	Law enforcement	150203	Law enforcement
750505	Correctional services	150204	Corrective services
750599	Justice and the law not elsewhere classified	150202	Law reform
		150299 *p*	Public services n.e.c.

750600	GOVERNMENT AND POLITICS		
750601	Understanding political systems	150299 *p*	Public services n.e.c.
750602	Understanding electoral systems	150299 *p*	Public services n.e.c.
750603	Federalism in Australia	150299 *p*	Public services n.e.c.
750604	Civics and citizenship	150299 *p*	Public services n.e.c.
750605	Public services management	150299 *p*	Public services n.e.c.
750699	Government and politics not elsewhere classified	150299 *p*	Public services n.e.c.

750700	INTERNATIONAL RELATIONS		
750701	Understanding international relations	150401 *p*	International relations (e.g. diplomacy, peace)
750702	Understanding other countries	150401 *p*	International relations (e.g. diplomacy, peace)
750703	International organisations	150499 *p*	International relations n.e.c.
750704	International aid	150402 *p*	International aid and issues to benefit other countries
750799	International relations not elsewhere classified	150402 *p*	International aid and issues to benefit other countries
		150499 *p*	International relations n.e.c.

750800	HERITAGE		
750801	Preserving the built environment	159999 *p*	Other social development and community services
750802	Preserving movable cultural heritage	159999 *p*	Other social development and community services
750803	Urban planning	159999 *p*	Other social development and community services
750804	Regional planning	159999 *p*	Other social development and community services
750805	Aboriginal and Torres Strait Islander heritage	159999 *p*	Other social development and community services
750899	Heritage not elsewhere classified	159999 *p*	Other social development and community services

750900	UNDERSTANDING PAST SOCIETIES		
750901	Understanding Australia's past	159999 *p*	Other social development and community services
750902	Understanding the pasts of other societies	159999 *p*	Other social development and community services

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(p = partial)

751000	COMMUNICATION
751001	Languages and literature
751002	Languages and literacy
751003	Visual communication
751004	The media
751005	Communication across languages and cultures
751006	Managing collections
751099	Communication not elsewhere classified

159999 *p*	Other social development and community services
159999 *p*	Other social development and community services
159999 *p*	Other social development and community services
159999 *p*	Other social development and community services
159999 *p*	Other social development and community services
159999 *p*	Other social development and community services
159999 *p*	Other social development and community services

759900	OTHER SOCIAL DEVELOPMENT AND COMMUNITY SERVICES
759999	Other social development and community services

159999 *p*	Other social development and community services
160601	Social development
160602	Community services
160699	Other

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DIVISION 4 ENVIRONMENT

SUBDIVISION 760000 ENVIRONMENTAL POLICY FRAMEWORKS AND OTHER ASPECTS

760100	ENVIRONMENTAL POLICY, LEGISLATION AND STANDARDS		
760101	Global climate change adaptation measures	180101	Global climate change adaptation measures
760102	Trade and environment	180102 *p*	Environmental policy and standards
760103	Consumption patterns, population issues and the environment	180102 *p*	Environmental policy and standards
760104	Environmental education and awareness	180106	Environmental education and awareness
760199	Environmental policy, legislation and standards not elsewhere classified	180102 *p* 180199 *p*	Environmental policy and standards Other
760200	ENVIRONMENTAL AND RESOURCE EVALUATION		
760201	Institutional arrangements	171101 *p* 171199 *p*	Resource management issues (incl. demand, pricing, rents, conflicts) Other environment/economic aspects (incl. risk assessment and economic incentives for environmental protection, e.g. taxes and permits)
760202	Economic incentives and regulation	171199 *p*	Other environment/economic aspects (incl. risk assessment and economic incentives for environmental protection, e.g. taxes and permits)
760203	Rights to environmental and natural resources	171101 *p*	Resource management issues (incl. demand, pricing, rents, conflicts)
760299	Environmental and resource evaluation not elsewhere classified	171101 *p* 171199 *p* 180199 *p*	Resource management issues (incl. demand, pricing, rents, conflicts) Other environment/economic aspects (incl. risk assessment and economic incentives for environmental protection, e.g. taxes and permits) Other
769900	OTHER ENVIRONMENTAL ASPECTS		
769999	Other Environmental aspects	189999	Other environmental aspects

SUBDIVISION 770000 ENVIRONMENTAL MANAGEMENT

770100	CLIMATE AND WEATHER		
770101	Climate change	160101	Climate change (incl. causes and results of enhanced greenhouse effect and other human-induced trends in climate such as ozone depleting substances)
770102	Climate variability	160102	Climate variability
770103	Weather	160103	Weather
770199	Other	160199	Other

770200	ATMOSPHERE (EXCL. CLIMATE AND WEATHER)		
770201	Atmospheric composition	160104	Atmospheric composition
770202	Atmospheric processes	160105	Atmospheric processes (incl. chemical, physical and biological)

770300	MARINE ENVIRONMENT		
770301	Air quality	160505 *p*	Marine ecosystems
770302	Living resources (incl. impacts of fishing on non-target species)	160501 *p* 160502 *p*	Flora Fauna
770303	Control of pests and exotic species	180107 *p*	Control of exotic species
770304	Physical and chemical conditions	160201 160305	Oceanic composition Offshore
770305	Oceanic processes (excl. climate related)	160202	Oceanic processes (incl. chemical, physical and biological)
770306	Integrated (ecosystem) assessment and management	160505 *p*	Marine ecosystems
770307	Marine protected areas	160605 *p*	Protected areas (incl. world heritage areas, national parks, conservation areas, nature reserves, scientific sites, heritage sites, wilderness areas, anthropological sites, archaeological sites, aboriginal sacred sites, marine reserves and national estate sites)
		180103 *p*	Management of protected areas
770399	Other	160299	Other
		160606 *p*	Environmental hazards (incl. droughts, cyclones and floods, earthquakes and bush fires)
		180104 *p*	Control of human-induced environmental hazards (e.g. industrial accidents)
		180105 *p*	Ecologically sustainable development implementation actions

770400	COASTAL AND ESTUARINE ENVIRONMENT		
770401	Air quality	160506 *p*	Estuarine ecosystems
770402	Land and water management	160301 *p*	Groundwater
		160302 *p*	Freshwater
		160303 *p*	Brackish
		160304 *p*	Inshore
		160399 *p*	Other
		160406 *p*	Coastal zone
770403	Living resources (flora and fauna)	160501 *p*	Flora
		160502 *p*	Fauna
770404	Control of pests and exotic species	180107 *p*	Control of exotic species
770405	Physical and chemical conditions	160301 *p*	Groundwater
		160302 *p*	Freshwater
		160303 *p*	Brackish
		160304 *p*	Inshore
		160399 *p*	Other
		160406 *p*	Coastal zone
770406	Integrated (ecosystem) assessment and management	160503 *p*	Terrestrial ecosystems
		160504 *p*	Freshwater ecosystems
		160506 *p*	Estuarine ecosystems
770407	Remnant vegetation and protected conservation areas (both terrestrial and marine)	160605 *p*	Protected areas (incl. world heritage areas, national parks, conservation areas, nature reserves, scientific sites, heritage sites, wilderness areas, anthropological sites, archaeological sites, aboriginal sacred sites, marine reserves and national estate sites)
		180103 *p*	Management of protected areas
770408	Rehabilitation of degraded coastal and estuarine areas	160406 *p*	Coastal zone
770409	Estuarine and lagoon areas	160301 *p*	Groundwater
		160302 *p*	Freshwater
		160303 *p*	Brackish
		160399 *p*	Other
770499	Other	160599 *p*	Other
		160606 *p*	Environmental hazards (incl. droughts, cyclones and floods, earthquakes and bush fires)
		169999 *p*	Other environmental knowledge
		180104 *p*	Control of human-induced environmental hazards (e.g. industrial accidents)
		180105 *p*	Ecologically sustainable development implementation actions

(p = partial)

770500	URBAN AND INDUSTRIAL ENVIRONMENT		
770501	Air quality	160503 *p*	Terrestrial ecosystems
770502	Land and water management	160301 *p*	Groundwater
		160302 *p*	Freshwater
		160303 *p*	Brackish
		160399 *p*	Other
		160405 *p*	Urban areas
770503	Living resources (flora and fauna)	160501 *p*	Flora
		160502 *p*	Fauna
770504	Control of pests and exotic species	180107 *p*	Control of exotic species
770505	Integrated (ecosystem) assessment and management	160503 *p*	Terrestrial ecosystems
		160504 *p*	Freshwater ecosystems
770506	Remnant vegetation and protected conservation areas	160605 *p*	Protected areas (incl. world heritage areas, national parks, conservation areas, nature reserves, scientific sites, heritage sites, wilderness areas, anthropological sites, archaeological sites, aboriginal sacred sites, marine reserves and national estate sites)
		180103 *p*	Management of protected areas
770507	Industrial/degraded areas	160405 *p*	Urban areas
770599	Other	160599 *p*	Other
		160606 *p*	Environmental hazards (incl. droughts, cyclones and floods, earthquakes and bush fires)
		169999 *p*	Other environmental knowledge
		180104 *p*	Control of human-induced environmental hazards (e.g. industrial accidents)
		180105 *p*	Ecologically sustainable development implementation actions

770600	HIGH COUNTRY (INCL. MOUNTAINS)		
770601	Air quality	160503 *p*	Terrestrial ecosystems
770602	Land and water management	160301 *p*	Groundwater
		160302 *p*	Freshwater
		160303 *p*	Brackish
		160399 *p*	Other
		160401 *p*	High country (incl. mountains)
770603	Living resources (flora and fauna)	160501 *p*	Flora
		160502 *p*	Fauna
770604	Control of pests and exotic species	180107 *p*	Control of exotic species
770605	Integrated (ecosystem) assessment and management	160503 *p*	Terrestrial ecosystems
		160504 *p*	Freshwater ecosystems
770606	Remnant vegetation and protected conservation areas	160605 *p*	Protected areas (incl. world heritage areas, national parks, conservation areas, nature reserves, scientific sites, heritage sites, wilderness areas, anthropological sites, archaeological sites, aboriginal sacred sites, marine reserves and national estate sites
		180103 *p*	Management of protected areas
770607	Rehabilitation of degraded high country	160401 *p*	High country (incl. mountains)
770699	Other	160599 *p*	Other
		160606 *p*	Environmental hazards (incl. droughts, cyclones and floods, earthquakes and bush fires)
		169999 *p*	Other environmental knowledge
		180104 *p*	Control of human-induced environmental hazards (e.g. industrial accidents)
		180105 *p*	Ecologically sustainable development implementation actions

770700	FOREST AND WOODED LANDS	
770701	Air quality	160503 *p* Terrestrial ecosystems
770702	Land and water management	160301 *p* Groundwater
		160302 *p* Freshwater
		160303 *p* Brackish
		160399 *p* Other
		160402 *p* Forest and wooded lands
770703	Living resources (flora and fauna)	160501 *p* Flora
		160502 *p* Fauna
770704	Control of pests and exotic species	180107 *p* Control of exotic species
770705	Integrated (ecosystem) assessment and management	160503 *p* Terrestrial ecosystems
		160504 *p* Freshwater ecosystems
770706	Remnant vegetation and protected conservation areas	160605 *p* Protected areas (incl. world heritage areas, national parks, conservation areas, nature reserves, scientific sites, heritage sites, wilderness areas, anthropological sites, archaeological sites, aboriginal sacred sites, marine reserves and national estate sites)
		180103 *p* Management of protected areas
770707	Rehabilitation/reafforestation	160402 *p* Forest and wooded lands
770799	Other	160599 *p* Other
		160606 *p* Environmental hazards (incl. droughts, cyclones and floods, earthquakes and bush fires)
		169999 *p* Other environmental knowledge
		180104 *p* Control of human-induced environmental hazards (e.g. industrial accidents)
		180105 *p* Ecologically sustainable development implementation actions
770800	FARMLAND (INCL. ARABLE LAND AND PERMANENT CROP LAND)	
770801	Air quality	160503 *p* Terrestrial ecosystems
770802	Land and water management	160301 *p* Groundwater
		160302 *p* Freshwater
		160303 *p* Brackish
		160399 *p* Other
		160403 *p* Farmland (incl. arable land and permanent crop land)
770803	Living resources (flora and fauna)	160501 *p* Flora
		160502 *p* Fauna
770804	Control of pests and exotic species	180107 *p* Control of exotic species
770805	Integrated (ecosystem) assessment and management	160503 *p* Terrestrial ecosystems
		160504 *p* Freshwater ecosystems
770806	Remnant vegetation and protected conservation areas	160605 *p* Protected areas (incl. world heritage areas, national parks, conservation areas, nature reserves, scientific sites, heritage sites, wilderness areas, anthropological sites, archaeological sites, aboriginal sacred sites, marine reserves and national estate sites)
		180103 *p* Management of protected areas
770807	Rehabilitation of degraded farmland	160403 *p* Farmland (incl. arable land and permanent crop land)
770899	Other	160599 *p* Other
		160606 p Environmental hazards (incl. droughts, cyclones and floods, earthquakes and bush fires)
		169999 *p* Other environmental knowledge
		180104 *p* Control of human-induced environmental hazards (e.g. industrial accidents)
		180105 *p* Ecologically sustainable development implementation actions

(p = partial)

770900	SPARSELAND (INCL. PERMANENT GRASSLAND AND THE ARID ZONE)		
770901	Air quality	160503 *p*	Terrestrial ecosystems
770902	Land and water management	160301 *p*	Groundwater
		160302 *p*	Freshwater
		160303 *p*	Brackish
		160399 *p*	Other
		160404 *p*	Sparseland (incl. permanent grassland and the arid zone)
770903	Living resources (flora and fauna)	160501 *p*	Flora
		160502 *p*	Fauna
770904	Control of pests and exotic species	180107 *p*	Control of exotic species
770905	Integrated (ecosystem) assessment and management	160503 *p*	Terrestrial ecosystems
		160504 *p*	Freshwater ecosystems
770906	Remnant vegetation and protected conservation areas	160605 *p*	Protected areas (incl. world heritage areas, national parks, conservation areas, nature reserves, scientific sites, heritage sites, wilderness areas, anthropological sites, archaeological sites, aboriginal sacred sites, marine reserves and national estate sites)
		180103 *p*	Management of protected areas
770907	Rehabilitation of degraded sparseland	160404 *p*	Sparseland (incl. permanent grassland and the arid zone)
770999	Other	160599 *p*	Other
		160606 *p*	Environmental hazards (incl. droughts, cyclones and floods, earthquakes and bush fires)
		169999 *p*	Other environmental knowledge
		180104 *p*	Control of human-induced environmental hazards (e.g. industrial accidents)
		180105 *p*	Ecologically sustainable development implementation actions
771000	MINING ENVIRONMENTS		
771001	Air quality	160503 *p*	Terrestrial ecosystems
771002	Land and water management	160301 *p*	Groundwater
		160302 *p*	Freshwater
		160303 *p*	Brackish
		160399 *p*	Other
		160407 *p*	Mineral enclave
771003	Living resources (flora and fauna)	160501 *p*	Flora
		160502 *p*	Fauna
771004	Control of pests and exotic species	180107 *p*	Control of exotic species
771005	Integrated (ecosystem) assessment and management	160503 *p*	Terrestrial ecosystems
		160504 *p*	Freshwater ecosystems
771006	Remnant vegetation and protected conservation areas	160605 *p*	Protected areas (incl. world heritage areas, national parks, conservation areas, nature reserves, scientific sites, heritage sites, wilderness areas, anthropological sites, archaeological sites, aboriginal sacred sites, marine reserves and national estate sites)
		180103 *p*	Management of protected areas
771007	Rehabilitation of degraded mining lands	160407 *p*	Mineral enclave
771099	Other	160599 *p*	Other
		160606 *p*	Environmental hazards (incl. droughts, cyclones and floods, earthquakes and bush fires)
		169999 *p*	Other environmental knowledge
		180104 *p*	Control of human-induced environmental hazards (e.g. industrial accidents)
		180105 *p*	Ecologically sustainable development implementation actions

(p = partial)

771100	ANTARCTIC AND SUB-ANTARCTIC AREAS		
771101	Air quality	160503 *p*	Terrestrial ecosystems
771102	Land and water management	160301 *p*	Groundwater
		160302 *p*	Freshwater
		160303 *p*	Brackish
		160399 *p*	Other
		160408	Antarctic and sub-Antarctic areas
771103	Living resources (flora and fauna)	160501 *p*	Flora
		160502 *p*	Fauna
771104	Control of pests and exotic species	180107 *p*	Control of exotic species
771105	Integrated (ecosystem) assessment and management	160503 *p*	Terrestrial ecosystems
		160504 *p*	Freshwater ecosystems
771199	Other	160599 *p*	Other
		160606 *p*	Environmental hazards (incl. droughts, cyclones and floods, earthquakes and bush fires)
		169999 *p*	Other environmental knowledge
		180104 *p*	Control of human-induced environmental hazards (e.g. industrial accidents)
		180105 *p*	Ecologically sustainable development implementation actions
779900	OTHER (INCL. ISLANDS)		
779901	Air quality	160503 *p*	Terrestrial ecosystems
779902	Land and water management	160301 *p*	Groundwater
		160302 *p*	Freshwater
		160303 *p*	Brackish
		160399 *p*	Other
		160499 *p*	Other (incl. islands)
779903	Living resources (flora and fauna)	160501 *p*	Flora
		160502 *p*	Fauna
779904	Control of pests and exotic species	180107 *p*	Control of exotic species
779905	Integrated (ecosystem) assessment and management	160503 *p*	Terrestrial ecosystems
		160504 *p*	Freshwater ecosystems
779906	Remnant vegetation and protected conservation areas	160605 *p*	Protected areas (incl. world heritage areas, national parks, conservation areas, nature reserves, scientific sites, heritage sites, wilderness areas, anthropological sites, archaeological sites, aboriginal sacred sites, marine reserves and national estate sites)
		180103 *p*	Management of protected areas
779907	Rehabilitation of degraded areas	160499 *p*	Other (incl. islands)
779999	Other	160599 *p*	Other
		160606 *p*	Environmental hazards (incl. droughts, cyclones and floods, earthquakes and bush fires)
		169999 *p*	Other environmental knowledge
		180104 *p*	Control of human-induced environmental hazards (e.g. industrial accidents)
		180105 *p*	Ecologically sustainable development implementation actions

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(p = partial)

DIVISION 5 NON-ORIENTED RESEARCH

SUBDIVISION 780000 NON-ORIENTED RESEARCH

780100	NON-ORIENTED RESEARCH		
780101	Mathematical sciences	190101	Mathematical sciences
780102	Physical sciences	190201	Physical sciences
780103	Chemical sciences	190301	Chemical sciences
780104	Earth sciences	190401	Earth sciences
780105	Biological sciences	190801	Biological sciences
780106	Political science and public policy	200101 *p*	Social sciences
780107	Studies in human society	200101 *p*	Social sciences
780108	Behavioural and cognitive sciences	200101 *p*	Social sciences
		200201 *p*	Humanities
780199	Other	190601	Applied sciences and technologies
		190701	General engineering
		190901	Agricultural sciences
		200101 *p*	Social sciences
		200201 *p*	Humanities

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