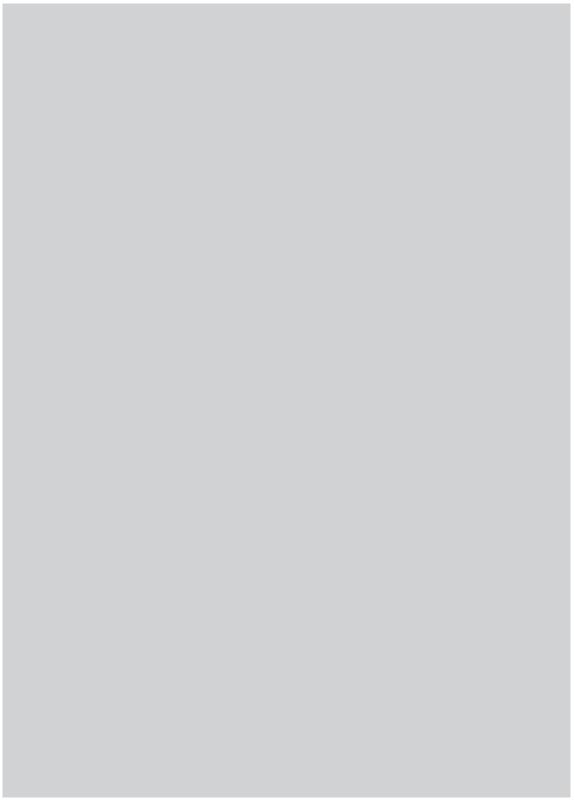
Division 2

Social Sciences, Humanities & Business/Economic & Administration



Social Sciences, Humanities and Business / Economic and Administration

SOCIAL SCIENCES

CATEGORY	GROUP	AREA	
F2010000	F2010100		Political Sciences and Public Policy
F2010000		F2010101 F2010102 F2010103 F2010104 F2010105 F2010106 F2010107 F2010109 F2010110 F2010111 F2010111 F2010113 F2010114 F2010115 F2010116 F20101199	Comparative Politics Conflict Resolution Federalism Foreign Policy International Relations Islamic Political System Local Government Studies Policy Studies Political Theory and Political Philosophy Public Policy and Administration Strategic Studies Development Policies Governance Law and Politics Diplomacy
	F2010200		Habitat and Human Settlement
		F2010201 F2010202 F2010203 F2010204 F2010205 F2010206 F2010207 F2010208 F2010299	Social Housing Urban / Land Use Planning and Management
	F2010300		Sociology
		F2010301 F2010302	Class Studies Collective Action and Social Change

CATEGORY	GROUP	AREA	
CATEGORY	GROUP	F2010303 F2010304 F2010305 F2010306 F2010307 F2010308 F2010310 F2010311 F2010312 F2010313 F2010314 F2010315 F2010316 F2010317 F2010318 F2010320 F2010321 F2010322 F2010323 F2010324 F2010325 F2010325 F2010326 F2010327 F2010327 F2010328 F2010329 F2010331	Community Organization Community Research Comparative Government Criminology Developmental Sociology Deviance and Social Control Future Studies Gender Studies Gerontology Industrial Sociology Islamisation of Sociology Marginal and Minority Relations Migration Modernity Studies Multiethnic and Pluralism Nation Building Political Theory and Political Philosophy Poverty, Social Welfare, and Social Policy Research Methodology Social Classes and Stratification Social Impact Assessment Social Movement Social Theory Social Trend and Indicator Social Theory Social Trend and Indicator Sociology of Child and Youth Sociology of Development Sociology of Development Sociology of Education Sociology of Religion Sociology of Religion Sociology of Local-Global Relations Urban Sociology and Community Studies Sociology of Family Social Capital Social Justice Sociology of Health
		F2010341	Abuse, Neglect and Maltreatment

CATEGORY	GROUP	AREA	
		F2010342 F2010343 F2010344 F2010345 F2010346 F2010347 F2010348 F2010350 F2010351 F2010352 F2010353 F2010354 F2010355 F2010356 F2010399	Late-Life Family Medical Sociology Environmental Sociology Family Studies
	F2010400		Archaeology and History
		F2010401 F2010402 F2010403 F2010404 F2010405 F2010406 F2010407 F2010499	,
	F2010500		Geography
		F2010500 F2010501 F2010502 F2010503 F2010504	Geography Economic Geography Environmental Geography Geographical Information System (GIS) Natural Resource SN: Including Soil Resources (e.g. Soil-Land Degradation, Tin Tailing Area Rehabilitation, Peat Soils Management, BRIS Soils Management, Hill Land Crops Management, Rehabilitation of BRIS Soils, Water Resources (e.g.

CATEGORY	GROUP	AREA	
		F2010505 F2010506 F2010507 F2010509 F2010510 F2010511 F2010512 F2010513 F2010514	Hydrology , Water Catchment, Water Management, Water Recycling and Reuse, Water Standards, Ground Water Management), Biodiversity (e.g. Animal Diversity, Fresh Water Biodiversity (e.g. Animal Diversity, Fresh Water Biodiversity, Marine Biodiversity, Microbial Diversity, Plant Diversity, Tropical Rain Forest, Wild Life Conservation, Mangrove Swamp, Wildlife Inventory, Fungal Diversity, Bacterial Diversity, Algal Diversity, Seaweed Diversity, Plankton Diversity, DNA Archiving, Flora Conservation, Conservation of Rare and Endangered Species), Bioactive Products (e.g. Animal Products, Marine Products, Microbial Products, Phytochemicals, Mycomedicinal), Industrial Raw Materials (e.g. Agro Waste, Clay, Granite, Hydrocarbons, Limestone, Marble, Silica, Wood, Agro Products), Mineral Resource (inclusive of Metallics and Non-Metallics), Marine Living Resources (e.g. Mangroves, Coral Reefs, Seaweeds & Seagrasses, Finfish, Shellfish and Crustaceans, Marine Mammals, Marine Turtles & Reptiles, Endangered Species, Sea Birds, Marine Invertebrates, Planktons, Marine Microbes), Marine Non-Living Resources (e.g. Oil & Gas, Marine Non-Living Resources (e.g. Oil & Gas, Marine Sediment, Sea Water, Marine Minerals), Resources Utilization (e.g. Maintenance of Environmental Conditions, Rehabilitation of Natural Resources) and Natural Resource Accounting (e.g. Carbon, Recreation, Ecotourism, Aesthetic and Soil Nutrient) Regional Geography Remote Sensing Social and Cultural Geography Transportation Economics Urban Morphology Human Geography Environmental Management Behavioural Geography Transport Geography Transport Geography Transport Geography

CATEGORY	GROUP	AREA	
		F2010515 F2010516 F2010599	Climatology Tourism Studies Other Geography, Geographical and Geologic Disciplines n.e.c SN: Including Instrumentation Manufacturing of Seismic, Vibration and Dynamic Load Detector and Meteorological Instruments
	F2010600		Population and Demographic Studies
		F2010601 F2010602 F2010603 F2010604 F2010605 F2010606 F2010607 F2010699	Ageing Family and Household Studies Fertility Trends Migration Morbidity Trends Mortality Trends Population Policy Other Population and Demographic Studies n.e.c
	F2010700		Law
		F2010701 F2010702 F2010703 F2010704 F2010705 F2010706 F2010707 F2010708 F2010710 F2010711 F2010711 F2010712 F2010713 F2010714 F2010715 F2010716 F2010717 F2010717	Adat Law Adjudication Administrative Law Civil Law Commercial Law Comparative Law Constitutional Law Contract Law Copyrights Corporations and Associations Law Counselling and Mediation Criminal Law Customary Law Cyber Law Diet and Torts Law Environmental Law Equity Law Family Law

CATEGORY	GROUP	AREA	
		F2010719 F2010720 F2010721 F2010722 F2010723 F2010725 F2010726 F2010727 F2010728 F2010730 F2010731 F2010732 F2010733 F2010734 F2010735 F2010736 F2010737 F2010738 F2010739 F2010740 F2010741 F2010741 F2010741	Governance Human Rights Indigenous Law Intellectual Property International Law Islamic Family Law Jurisprudence Justice System Labour Law Land Law Law and Literature Legal History Legal Practice and Ethics Maritime Law Natural Resources Law Patents Planning Law Property Law and Conveyancing Space and Outerspace Law Syariah Law Taxation Law Transport Law Trust Law Other Law n.e.c.
	F2010800		Psychology
		F2010801 F2010802 F2010803 F2010804 F2010805 F2010806 F2010807 F2010808 F2010809 F2010810 F2010811 F2010812	Abnormal Psychology Biological Psychology Clinical Psychology Cognitive Psychology Comparative Psychology Counselling and Psychotherapy Developmental Psychology Forensic Psychology Islamic Psychology Neuropsychology Forensic Psychology Organisational and Industrial Psychology Performance and Perception

CATEGORY	GROUP	AREA	
		F2010814 F2010815 F2010816 F2010817 F2010819 F2010820 F2010821 F2010822 F2010823 F2010824 F2010825 F2010826 F2010899	Personality, Abilities and Assessment Psychological Assessment Psychological Methodology, Design and Analysis Psychometrics Psychopharmacology Sensory and Perception Social and Community Psychology Health Psychology Forensic Psychology Social Psychology Psychogeriatric Psychology of Religion Educational Psychology Other Psychology n.e.c
	F2010900		Education
		F2010901 F2010902 F2010903 F2010904 F2010905 F2010906 F2010907 F2010909 F2010910 F2010911 F2010913 F2010914 F2010915 F2010915 F2010916 F2010917 F2010918 F2010919 F2010920 F2010920 F2010921	Continuing Professional Education Corporatisation Curriculum Development Distance Learning Education Counselling Education Policy, Management and Administration Education Structure Educational Psychology Educational Technology and Media E-Learning Ethics and Moral Education History and Philosophy of Education Life-Long Education Mainstreaming of Special Groups Non-Formal Education Philosophy of Education Private and Public Education Professional Teacher Development Sociology of Education Special Education

CATEGORY	GROUP	AREA	
		F2010922 F2010923 F2010924 F2010999	Teacher Education Tertiary Education Extension Education Other Education n.e.c.
	F2011000		Media and Communications
		F2011001 F2011002 F2011003 F2011004 F2011005 F2011006 F2011007 F2011009 F2011010 F2011011 F2011011 F2011013 F2011014 F2011015 F2011016 F2011017 F2011018 F2011019 F2011020 F2011020 F2011021 F2011099	Advertising Broadcasting Censorship Cinema Film and Video Film Directing Information Management Information Studies International Communications Interpersonal Communications Investor Relation Journalism Librarianship Multimedia Persuasion Political Communications Public Relation Telecommunication Animation Science Communication Cartoon and Comic Strips Other Media and Communication Studies n.e.c.
	F2011100		Anthropology
		F2011101 F2011102 F2011103 F2011104 F2011105 F2011106 F2011107	Ethnography Indigenous People Linguistics Anthropology Medical Anthropology Minority Groups Nutritional Anthropology Orang Asli

CATEGORY	GROUP	AREA	
		F2011108 F2011109 F2011110 F2011111 F2011112 F2011113 F2011114 F2011115 F2011116 F2011117 F2011118 F2011119 F2011120 F2011121 F2011122 F2011123 F2011124 F2011125 F2011126 F2011199	Physical and Biological Anthropology Social and Cultural Anthropology Social Anthropology Ecological Anthropology Economic Anthropology Demographic Anthropology Political Anthropology Psychological Anthropology Anthropology of Law Anthropology of Religion Urban Anthropology Applied Anthropology Ethnomusicology Anthropology of Arts Anthropology of Gender Forensic Anthropology Cultural Theory Family Studies Death and Dying Other Anthropology and Anthropological Studies n.e.c.
	F2011200		Professional Development of Law Practitioners
		F2011201 F2011202 F2011203 F2011204 F2011299	Adjudication Legal Education Legal Practice Professional Ethics Other Professional Development of Law Practitioners n.e.c.
	F2011300		Law Enforcement
		F2011301 F2011302 F2011303 F2011304 F2011305	Correctional Theory and Services; Penology Criminology Detection and Prevention of Crime; Security Services Evidence and Procedure

CATEGORY	GROUP	AREA	
		F2011306 F2011399	Forensic Science Police Administration, Procedures and Practice Other Law Enforcement n.e.c.
	F2011400		Social Work
		F2011401 F2011402 F2011403 F2011404 F2011405 F2011406 F2011407 F2011408 F2011409 F2011410 F2011411 F20114199	Clinical Social Work Practice Counselling, Welfare and Community Services Social Policy Social Program Evaluation Family Therapy Marriage and Marital Counseling Social Support Program Development Juvenile and Youth Single Parent Handicaps Other Social Work n.e.c.
	F2011500		Cognitive Science
		F2011501 F2011502 F2011503 F2011504 F2011505 F2011506 F2011507 F2011599	Computer Perception, Memory and Attention Knowledge Representation and Machine Learning Linguistics Process Neurocognitive Patterns and Neural Networks Nutrition and Cognitive Function Philosophy of Cognition Planning and Problem Solving Other Cognitive Science n.e.c
	F2011600		Farmer's Education and Agricultural Extension
		F2011601 F2011602 F2011603 F2011604 F2011605	Agricultural Education Agricultural Extension Research Agricultural Education Engineering Horticulture Extension Education Environmental Conservation Extension

CATEGORY	GROUP	AREA	
		F2011606 F2011607 F2011608 F2011609 F2011610 F2011611 F2011699	Education Biotechnology Extension Education Forestry Extension Education Youth and Entrepreneurship Extension Education Rural Developmental Extension Education Rural Women Extension Education Waste Management Extension Education Other Farmer's Education and Agricultural Extension n.e.c.
	F2011700		Advancement of Social Sciences Knowledge
		F2011701 F2011702 F2011703 F2011704 F2011705 F2011706 F2011799	Sexuality Productivity Family Functionings SN: Includes Dysfunction Issues and Problems Social Engineering Social Measurements and Modelling Social Stress and Monitoring System Other Advancement of Social Sciences Knowledge n.e.c.
	F2019900		Other Social Sciences n.e.c.

Social Sciences, Humanities and Business / Economic and Administration

HUMANITIES

CATEGORY	GROUP	AREA	
F2020000	F2020100		Linguistics and Literature
		F2020101	Applied Linguistics
		F2020102 F2020103	Asian and Other Muslim Languages Asian Literature
		F2020103	Clinical Linguistics
		F2020104	Comparative Literature
		F2020106	Computational Linguistics
		F2020107	Dialectology
		F2020108	Discourse and Pragmatics
		F2020109	Educational Linguistics
		F2020110	Endangered Language
		F2020111	Genre Studies (Literature)
		F2020112	Laboratory Phonetics and Speech Science
		F2020113	Language in Culture and Society (Sociolinguistics)
		F2020114	Language in Time and Space SN: Including
		1 2020114	Historical Linguistics, Dialectology)
		F2020115	Lexicography
		F2020116	Linguistic Structures SN: Including Grammar,
			Phonology, Lexicon, Semantics)
		F2020117	Linguistics Structure
		F2020118	Literary Theory
		F2020119	Malay Language
		F2020120	Malay Literature
		F2020121 F2020122	Malaysian Languages Malaysian Literature
		F2020122	Semantics
		F2020124	Translation
		F2020125	World Language Studies
		F2020126	World Literature Studies
		F2020127	Ethnopragmatics
		F2020128	Ethnolinguistics
		F2020129	Language and Gender
		F2020130	Language and Media
		F2020131	Morphology

CATEGORY	GROUP	AREA	
		F2020132 F2020133 F2020134 F2020135 F2020136 F2020137 F2020138 F2020139 F2020140 F2020141 F2020199	Genre Studies (Written Discourse) Intercultural Communication Ethnosemantics Phonetics and Phonology Forensic Linguistics Language Acquisition CALL (Computer Assisted Language Learning) Feminism Science Communication Corpus Linguistics Other Linguistics and Literature n.e.c.
	F2020200		Historical and Civilisation Studies
		F2020201 F2020202	Archaeological Science Archaeology of Agricultural and Pastoral
		F2020203	Societies Archaeology of Complex Societies: Asia, Africa Oceania and The Americas
		F2020204	Archaeology of Complex Societies: Europe, the Mediterranean and The Levant
		F2020205	Archaeology of Hunter-Gathered Societies (SN: Including Pleistocene Archaeology)
		F2020206 F2020207	Biography Constitutional History of Malaysia
		F2020207	Cultural History
		F2020209	Development of Administration
		F2020210	Economic and Commercial History of Malaysia
		F2020211 F2020212	Emergence of The Third World Foreign Policy
		F2020212	Historical Archaeology (Incl. Industrial
			Archaeology)
		F2020214	History of Civilisations
		F2020215 F2020216	History of Local Government of Malaysia History of Political Development in Malaysia
		F2020217	Malay Historiography
		F2020218	Malay Society
		F2020219	Malay World
		F2020220	Maritime Archaeology

CATEGORY	GROUP	AREA	
		F2020221 F2020222 F2020223 F2020224 F2020225 F2020226 F2020227 F2020299	Methods and Ideas of History Muslim History Muslim Society Nationalism in Southeast Asia and Malaysia Prehistory of Southeast Asia World Historical Studies Modern History Other Historical and Civilisation Studies n.e.c.
	F2020300		Philosophy
		F2020301 F2020302 F2020303 F2020304 F2020305 F2020306 F2020307 F2020310 F2020310 F2020311 F2020312 F2020313 F2020314 F2020315 F2020316 F2020317 F2020318 F2020318 F2020399	Aesthetics Applied Ethics (Incl. Bioethics and Environmental Ethics) Applied Philosophy Comparative Philosophy Epistemology Ethical Theory Ethics Hermeneutic Theory History and Philosophy of Ideas Islamisation of Knowledge Logic Metaphysics Phenomenology Philosophy of Action Philosophy of Language Philosophy of Specific Culture Social Philosophy Other Philosophy and Philosophical Studies n.e.c.
	F2020400		Arts and Culture
		F2020401 F2020402 F2020403 F2020404 F2020405	Aboriginal Culture Studies Ceramic Arts Consumption and Everyday Life Costumes Cultural Policy Studies

CATEGORY	GROUP	AREA	
CATEGORI		F2020406 F2020407 F2020408 F2020410 F2020411 F2020412 F2020413 F2020415 F2020416 F2020417 F2020418 F2020419 F2020420 F2020420 F2020421 F2020422 F2020423 F2020499	Cultural Theory Culture, Gender and Sexuality Design Studies Drama Filming Tradition Islamic Calligraphy Metal Handicraft Arts and Tradition Multicultural, Intercultural and Cross-Cultural Studies Popular Culture Post and Colonial and Global Culture Studies Screen and Media Culture Theatre Traditional Arts and Culture Traditional Performing Arts Weaving, Batik and Dress Traditional Wood Carving Tradition Ethnomusicology Material Culture Other Arts and Culture n.e.c
	F2020500		Religious Studies
	12020300	F2020501 F2020502 F2020503 F2020504 F2020505 F2020506 F2020507 F2020508 F2020510 F2020511 F2020511 F2020512 F2020513 F2020514 F2020515	Buddhist Studies Christian Theology (Incl. Biblical Studies and Church History) Comparative Religion Deviance Hindu Studies Ijtihad and Tajdid (Religious Revivalism) Islamic Studies Jewish Studies Missionary and Propagation Studies Moral (Akhlaq) Philosophy of Religion Psychology of Religion Quranic and Hadis Studies Religion and Civilisation

CATEGORY	GROUP	AREA	
		F2020516 F2020517 F2020518 F2020519 F2020520 F2020521 F2020522 F2020523 F2020599	Religion and Society Religious Education Religious Issues Studies in Other Religious Traditions Ummatic Studies Fundamentalism Mysticism Indigenous Beliefs Other Religious Studies n.e.c.
	F2020600		Performing Arts and Music
		F2020601 F2020602 F2020603 F2020604 F2020605 F2020606 F2020607 F2020608 F2020609 F2020699	Indigenous Performing Arts and Music Modern Dances Modern Music Traditional/ Classical Dances Traditional/ Classical Music E-Performance Traditional Musical Instruments Indigenous Musical Instruments Telematic Choreography Other Performing Arts and Music n.e.c.
	F2020700		Visual Arts and Crafts
		F2020701 F2020702 F2020703 F2020704 F2020799	Crafts Fine Arts Sculpture and Painting Graphics Arts Photography Other Visual Arts and Crafts n.e.c SN: Including Manufacturing Instruments for Photographic Equipment
	F2020800		History and Philosophy of Sciences and Medicine
		F2020801 F2020802	History and Philosophy of Medicine History and Philosophy of Science and Technology

CATEGORY	GROUP	AREA	
		F2020803	Sociology and Social Studies of Science and Technology Other History and Philosophy of Science and
			Medicine n.e.c.
	F2020900		Clinical Linguistics
,		F2020901 F2020902 F2020903 F2020904 F2020905 F2020999	Clinical Morphology and Syntax Clinical Phonetics and Phonology Clinical Semantics and Pragmatics Perceptual Analysis Profiles of Clinical Data Other Clinical Linguistics n.e.c.
	F2021000		Advancement of Humanities Knowledge
		F2021001 F2021099	E-Culture Other Advancement of Humanities Knowledge n.e.c.
	F2029900		Other Humanities n.e.c.

Social Sciences, Humanities and Business / Economic and Administration

ECONOMICS, BUSINESS AND MANAGEMENT

CATEGORY	GROUP	AREA	
F2030000	F2030100		Accounting
1 2030000	1 2030 100	F2030101 F2030102 F2030103 F2030104 F2030105 F2030106 F2030107 F2030110 F2030111 F2030111 F2030112 F2030113 F2030115 F2030115 F2030116 F2030117 F2030117 F2030119 F2030120 F2030121 F2030121 F2030122 F2030123 F2030124 F2030125 F2030127 F2030199	Accountability Accounting Education Accounting History Accounting Information Systems Accounting Regulation Accounting Standards Auditing Behavioural Accounting Bicameral Accounting Corporate Governance Financial Accounting Financial Reporting Forensic Accounting Human Resource Accounting International Accounting Islamic Accounting IT and Accounting Management Accounting Not-for-Profit Accounting Private Sector Accounting Public Sector Accounting Social Responsibility Accounting Taxation Zakat Accounting Economics of Cooperative Social Audit Other Accounting n.e.c.
	F2030200		Economics/Applied Economics
		F2030201 F2030202 F2030203	

CATEGORY	GROUP	AREA	
		F2030204 F2030205 F2030206 F2030207 F2030209 F2030210 F2030211 F2030212 F2030213 F2030214 F2030215 F2030216	Economic Modelling and Forecasting Environmental Economics Finance Economics Globalisation Health Economics Industrial Economics Industrial Organization International Economics International Finance
		F2030217 F2030218 F2030219 F2030220 F2030221 F2030222 F2030223 F2030224 F2030225 F2030226 F2030227 F2030228 F2030229 F2030230 F2030231 F2030232	Public Sector Economics Regional Economics Resource Economics Transport Economics Urban and Regional Economics

CATEGORY	GROUP	AREA	
			Organisations Issues, Industry Costs and Structure Issues, Industry Policy Issues, Taxation, Job Security, Social Insurance, Land Use, Health Insurance, Financial Literacy, Retirement Planning, Family Economics, Estate
		F2030233	Planning and Consumerism International Trade Issues SN: Including Competitiveness, Globalisation, Trade Issues and Policies
		F2030234	Management and Productivity Issues SN: Including Accountability, Ethics, Industrial Relations Issues, Labour Issues, Quality Management, Shareholder Rights, Transparency and Wage Policies
		F2030235	Standardisation and Calibration Services SN: Including Communication Service Standard, Defence Standards and Calibration, Environment Standard, Manufacturing Standards and Calibration, Measurement Standard and Calibration, Optical Standards and Calibration, Quality Assurance, Radiation Standards and Calibration, Service Industries Standards and Calibration, Radiation Dosimetry Services, Ophthalmic and Contact Lenses Standards
		F2030236	Commercialisation SN: Including Agribusiness Management, Contract Manufacturing, Market Development Studies, Marketing, Packaging of Technologies, Patent and Licensing, Pilot Scale, Production Economics, Techno-Economic Feasibility Studies, Transfer of Technologies and Globalisation
		F2030237	Socio Economic Development SN: Including Affirmative Action, Distribution, Equity Issues, Minority Groups, Poverty, Social Mobility, Burden of Disease, Governance, Child Welfare, Social Equality, Social Capital and Human Capital
		F2030299	Other Economics/Applied Economics n.e.c.

CATEGORY

Social Sciences, Humanities and Business / Economic and Administration

GROUP	AREA	
F2030300		Economic Theory
	F2030301 F2030302 F2030303 F2030304 F2030305 F2030399	Macroeconomic Theory Mathematical Economics Microeconomic Theory Political Economics Agricultural Economics Theory Other Economic Theory n.e.c
F2030400		Economy History and History of Economic Thought
	F2030401 F2030402 F2030403 F2030499	Comparative Economic System Economic History History of Economic Thought Other Economy History and History of Economic Thoughts n.e.c
F2030500		Econometrics
	F2030501 F2030502 F2030503 F2030504 F2030505 F2030506 F2030507 F2030599	Applied Econometrics Basic Econometrics Cross Section Studies Econometrics Modelling Panel Data Analysis Regresive Analysis Time Series Econometrics Other Econometrics n.e.c. Including System Dynamics
F2030600		Management
	F2030601 F2030602 F2030603 F2030604 F2030605 F2030606 F2030607	Agribusiness Agricultural Management Business Ethics Crisis and Risk Management Electronic Commerce Entrepreneurial Studies Entrepreneurship

CATEGORY	GROUP	AREA	
		F2030608 F2030609 F2030610 F2030611 F2030613 F2030614 F2030615 F2030616 F2030617 F2030619 F2030620 F2030621 F2030622 F2030623 F2030624 F2030625 F2030625	Environmental Management Health Management Industrial Relations International Business Management Islamic Management Management Information System Marketing Multimedia Management Operational Management Organisational Studies Public Sector Management Purchasing Quality Management Science and Technology Management Strategic Management Techno-Economics Plantation Management SN: Crop Management including Plantation Crop for Banana, Cocoa, Coconut, Coffee, Oil Palm, Pepper, Pineapple, Rubber, Sago, Sugarcane, Tea, Papaya and Oil Palm Mixed With Other Crops e.g. Dragon Fruit Behavioural Studies, Resource Management, Knowledge Management Total Quality Management (TQM) Other Management Studies n.e.c.
	F2030700		Human Resource Management (HRM)
		F2030701 F2030702 F2030703 F2030704 F2030705 F2030706 F2030707 F2030708 F2030709 F2030799	Compensation and Benefits Employee Development Employee Relation Human Resource Planning Industrial Relation Managing Multiculturalism Occupational Safety and Health Performance Appraisal Recruitment and Selection Other Human Resource Management n.e.c.

CATEGORY

GROUP	AREA	
F2030800		Marketing
	F2030801 F2030802 F2030803 F2030804 F2030805 F2030806 F2030807 F2030810 F2030811 F2030812 F2030813 F2030814 F2030815 F2030816 F2030817 F2030818 F2030819 F2030820 F2030820 F2030821 F2030899	Advertising Brands Management Communications Consumer Behaviour Industrial Marketing Market Research Marketing Audit Marketing Information System Marketing of Professional Services Marketing Plan Promotion Public Relations Purchasing Retailing Sales and Distribution Service Marketing Strategic Marketing Wholesaling Halal Food Marketing Halal Product Marketing Agricultural Marketing Other Marketing Studies n.e.c.
F2030900		Human Resource Development (HRD)
	F2030901 F2030902 F2030903 F2030904 F2030905 F2030906 F2030907 F2030908 F2030909 F2030910 F2030911	Action Learning Adult Learning and Development Building Capacity Career Development Continuing Professional Development Employee Counselling Empowerment of Employees In-Service Training SN: Including Personnel Training for K-Soldier Development Knowledge Management Learning Organization Learning Transfer

CATEGORY	GROUP	AREA	
		F2030912 F2030913 F2030914 F2030915 F2030916 F2030917 F2030918 F2030919 F2030920 F2030999	Management Development Organization Commitment Organizational Development Performance Management Team Building Trainability Training Design Training Management Workplace Learning Other Human Resource Development n.e.c.
	F2031000		Entrepreneurship
		F2031001 F2031002 F2031003 F2031004 F2031005 F2031006 F2031007 F2031008 F2031009 F2031010 F2031011 F2031012 F2031013 F2031014	Corporate Entrepreneurship Development Entrepreneurial Studies Entrepreneurship Education Family Business Financing Small Business Franchising Intrapreneurship Small Business Enterprise Small / Bunisess Management Small-Medium Industry (SMI) Technopreneurs Training Agricultural Entrepreneurship SN: Including Plant Industry in Post Harvest Packaging, Post Harvest Logistic, Precision Agriculture and Branding Other Entrepreneurship Fields n.e.c.
	F2031100		Finance
		F2031101 F2031102 F2031103 F2031104 F2031105 F2031106	Banking Capital Market Corporate Finance Finance Companies Financial Engineering Insurances

CATEGORY	GROUP	AREA	
		F2031107 F2031108 F2031109 F2031110 F2031111 F2031112 F2031113 F2031114 F2031115 F20311199	International Finance Islamic Banking Islamic Finance Market Efficiency Off-Shore Finance Other Finance Risk Management Stock Broking Venture Capital Other Finance n.e.c.
	F2031200		Investment
		F2031201 F2031202 F2031203 F2031204 F2031205 F2031206 F2031207 F2031208 F2031209 F2031299	Hedge Fund Initial Public Offers (IPO) Institutional Investment Islamic Investment Instrument Market Efficiency Mergers and Acquisitions Mutual Fund Real Estate Stock Market Studies Other Investment n.e.c
	F2031300		Logistics and Transportation
		F2031301 F2031302 F2031303	Air Transport Management Logistics Maritime SN: Including Coastal Water Transport, Inland Water Transport, International Sea Transport, Transport Security
		F2031304 F2031305	Rail Transport SN: Including Rail Ride Road Transport SN: Including of Bicycle and Pedestrianization, Road Safety, Integrated Transport System, Road Ride
		F2031306 F2031307 F2031308 F2031309	Space Transport SN: Including Air Transport Supply Chain Management Transport Economics Transport Engineering

GROUP	AREA	
	F2031310 F2031311 F2031312 F2031313	Urban Transport Transport Equipment SN: Including Aerospace Equipment, Automotive Equipment, Aviation Equipment, Environmental Friendly Transport
	F2031314	Systems, Navigation Equipment, Rail (Transport) Equipment, Ships and Boats Transport Modelling and Planning SN: Including Routing, Congestion Analysis and Road Planning, Public Transport, Analysis and Scheduling, Accidents Black Spots Analysis, Location and Distribution Analysis and Travel
	F2031399	Behaviour Analysis Other Logistic and Transportation n.e.c SN: Including Defence Logistics Encompassing Food Supply, Medical Supply, Water Supply and Ordinance
F2031400		Technology Management
	F2031401 F2031402 F2031403 F2031404 F2031405 F2031406 F2031407 F2031408 F2031410 F2031411 F2031411 F2031412 F2031413 F2031414	Appropriate Technology Intellectual Property Rights Research and Development Management
		F2031310 F2031311 F2031312 F2031313 F2031314 F2031314 F2031400 F2031401 F2031402 F2031403 F2031404 F2031405 F2031406 F2031407 F2031408 F2031409 F2031410 F2031411 F2031411 F2031412 F2031413

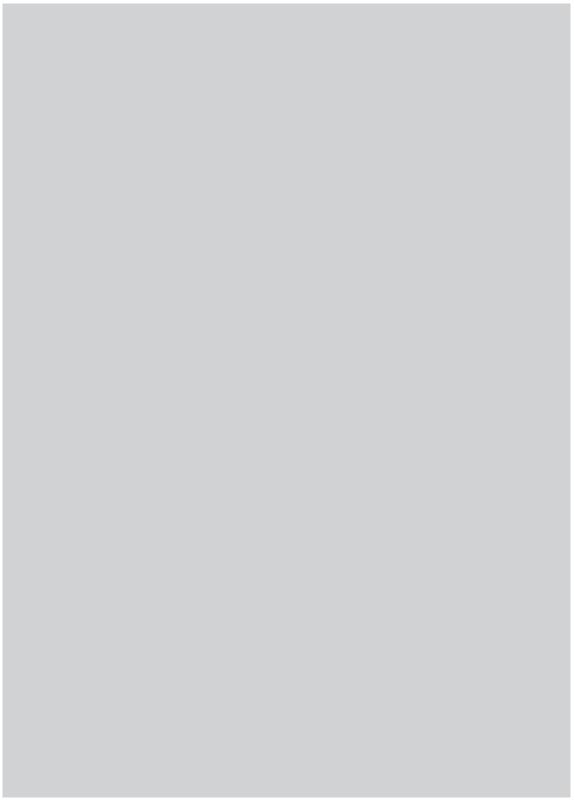
CATEGORY	GROUP	AREA	
CATEGORY	GROUP	F2031415 F2031416 F2031417 F2031418 F2031420 F2031420 F2031421 F2031422 F2031423 F2031425 F2031425 F2031426 F2031427 F2031428 F2031429 F2031430 F2031431 F2031432 F2031433 F2031434 F2031435	Technology Prospecting Technology Road Map Technology Transfer Innovation Management New Product & Service Management R&D Management Technology Life Cycle Technology Acquisition Technology Adoption & Acceptance Technology Impact Technology Impact Technology Incubation Technology Incubation Technology Infrastructure Technology Strategy Strategic Management of Technology Best Practice Management Technology Monitoring & Control Quality Performance & Reliability Technology Assessment/Analysis Technology Benchmarking Technology Capability SN: Including Enhancement of Science and Technology Capabilities in Defence Technology e.g.
		F2031436 F2031437 F2031438 F2031440 F2031441 F2031442 F2031443 F2031444	Aerospace and Communication System, Software, Automotive, Space Technology and Propulsion Technology Risk Technology Audit Road Mapping Technology Intelligence Supply Chain Management Technology Venture Technology Alliances & Merge Technology Financing, Investment Technopreneur

CATEGORY	GROUP	AREA	
		F2031445 F2031446 F2031447 F2031448 F2031450 F2031451 F2031452 F2031453 F2031454 F2031455 F2031456 F2031457 F2031458 F2031499	Project Planning Project Evaluation & Control Project Procurement Value Management Emerging Technology E-Business Human Technology Interaction Forensic Green Technology/Low Carbon Technology ICT Management Change Management Human Resource Management Mot Education & Training Ethics, Security and Safety Other Technology Management n.e.c.
	F2031500		Tourism
		F2031501 F2031502 F2031503 F2031505 F2031506 F2031507 F2031508 F2031509 F2031510 F2031511 F2031512 F2031513 F2031514 F2031515 F2031516 F2031517 F2031518 F2031519 F2031520	Ecotourism Studies Education and Training Food and Hospitality Services Heritage Management Hospitality Management Impact Studies Leisure Studies Management Product Development Public Policy Social Cultural Support Services Tourism and Economy Tourism and Transport Tourism Economics Tourism Facilities Tourism Management Tourism Management Tourism Marketing

CATEGORY	GROUP	AREA	
		F2031521 F2031522 F2031523 F2031524 F2031525 F2031599	Tourism Policy Tourism Resource Appraisal Tourist Behaviour Urban Tourism Agrotourism Other Tourism n.e.c.
	F2031600		Operations Management
		F2031601 F2031602 F2031603 F2031604 F2031605 F2031606 F2031607 F2031610 F2031610 F2031611 F2031612 F2031613 F2031614 F2031615 F2031616 F2031617 F2031618 F2031620 F2031620 F2031621 F2031622 F2031623 F2031624 F2031625 F2031626 F2031627 F2031628	Product & Service Design Layout Planning Design of Work System Capacity Requirements Planning Location Planning Process Selection Total Quality Management Quality System Quality Improvement Service Quality Management Benchmarking and Best Practice Management Process Management Statistical Process Control Process Measurements and Control Lean Operations Process Improvement Business Process Reengineering Design of Experiment Simulation Modelling Decision Support System Operation Research/Management Science Total Productive Maintenance Balanced Scorecard New Product Development Product Life Cycle Project Management Operations Policy Operations Strategy SN: Including Tactical Planning for Logistics in Defence and Security Systems such as Manpower Planning, Inventory

CATEGORY	GROUP	AREA	
		F2031629 F2031630 F2031631 F2031632 F2031633 F2031635 F2031636 F2031637	Planning, Distribution and Routing, Intelligent Systems, Computational Mathematics, Data Analysis, Quality and Productivity and Bio Defence as in Psychological War Supply Chain Management Inventory Management and Control Enterprise Resource Planning JIT Operations Aggregation Planning Logistics and Transportation Ethics in Operation Management Service Operation Commercial Services SN: Including of Electricity, Gas and Water Services and Utilities, Gas Services and Utilities, Public Services and Utilities, Water Services and Utilities, Public Services and Utilities, Water Services and Utilities), Waste Management and Recycling (e.g. Recycling Waste Management), Wholesale and Retail Trade (e.g. E-Commerce, Farmer's Market, Fruit Carnival, Hypermarket, Retail Trade, Wholesale Trade, M-Commerce, Virtual Services, E-Contents Sales), Finance, Property and Business Services (e.g. Accounting, Auditing, Banking, Commercial Investigation, Commercial Securities Services, Insurance Services, Investment Services, Islamic Financial Services, Land Administration and Development, Professional Services, Property Management), and Tourism (e.g. Agrotourism, Economics Tourism, Ecotourism, Health Tourism, Recreational Services, Socio-Cultural Issues, Tourism Infrastructural Development, Urban Tourism, E-Tourism, Geo-Tourism, Home Stay, Gerontourism, Food Tourism, Sports Tourist) Advancement of Economics, Business and Management Knowledge Other Operations Management n.e.c

CATEGORY	GROUP	AREA	
	F2031700		International Business
		F2031701 F2031702 F2031704 F2031705 F2031706 F2031707 F2031708 F2031710 F2031711 F2031711 F2031712 F2031713 F2031714 F2031799	International Advertising International Human Resource Management International Franchising International Operations Management International Logistics Management Cross Cultural Management International Entrepreneurship Expatriate Adjustment International Organizational Behaviour International Negotiation Strategies Multinational Management Multinational Strategic Management Strategic Alliance Other International Business n.e.c
	F2031900		Other Economics, Business and Management Fields n.e.c.
F2190000			NON-ORIENTED SOCIAL SCIENCES, HUMANITIES AND BUSINESS / ECONOMIC AND ADMINISTRATION RESEARCH



Natural Sciences, Technologies and Engineering

CHAPTER 3

SOCIO ECONOMIC OBJECTIVE

The Socio Economic Objective or SEO classification allows R&D data to be classified according to the researcher's perceived purpose (i.e. who benefits from the research). The purpose categories take account of processes, products, health, education and other social and environmental aspects of particular interest.

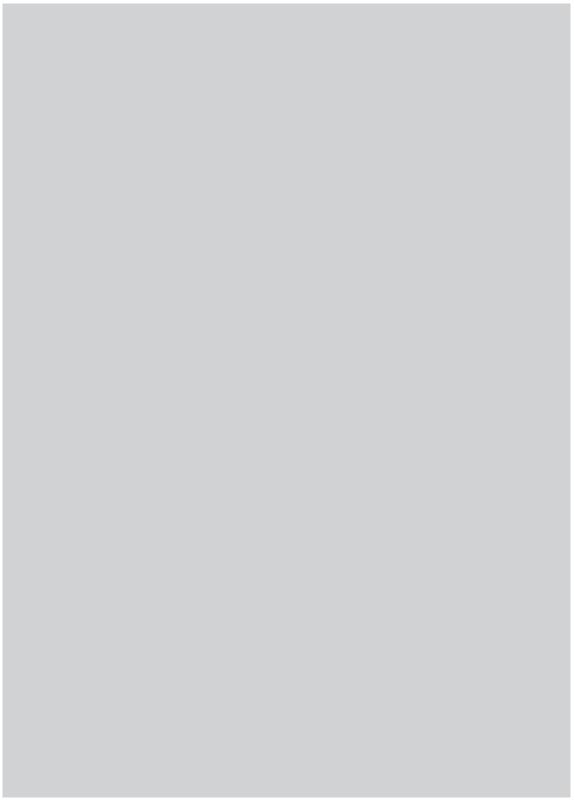
Classifying to an SEO category is subjective, i.e. the category is chosen by the data provider to indicate the main purpose of R&D. Classifying a business to an industry is generally derived objectively through its main income generation activity.

SEO organises those same R&D activities by their purpose or presumed sectoral beneficiaries. The systems, which show greater national variation according to a nation's profile and priorities currently, have 5 Division, 26 Category and 193 discrete group.

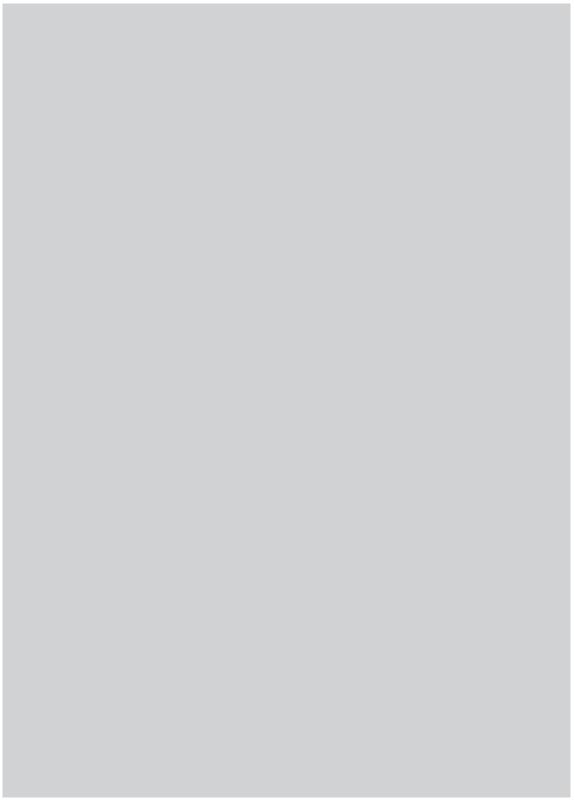
Choose the SEO classification, which most appropriately describes the sector of the national economy, which will be the main beneficiary of the R&D you are practising.

What's New

In the 5th Edition, all areas covered in the SEO had been transferred to the FOR. The main purpose of doing this is because in the SEO, mostly only the objective to the country development benefit has been concentrated but not to focus on the R&D work.



All Division



SOCIO ECONOMIC OBJECTIVE (SEO)

DIV	CATEGORY	GROUP	
1			DEFENCE AND SECURITY
	S1010000		Defence
		\$1010100 \$1010200 \$1019900	Defence Defence Equipment Other Defence n.e.c.
	S1020000		Logistics
	51020000	\$1020100 \$1020200 \$1029900	Make Shift Engineering Civil Engineering Other Logistics n.e.c.

DIV	CATEGORY	GROUP	
2			ECONOMIC DEVELOPMENT
	S2010000		Plant Production and Plant Primary Products
		\$2010100 \$2010200 \$2010300 \$2010400 \$2010500 \$2010600 \$2010700 \$2019900	Horticultural Crops Forestry Primary Products from Plants
	S2020000		Animal Production and Animal Primary Products
		\$2020100 \$2020200 \$2020300 \$2020400 \$2029900	Pasture, Browse and Fodder Crops Fisheries
	S2030000		Mineral Resources (Excluding Energy)
		\$2030100 \$2030200 \$2030300 \$2030400 \$2039900	Primary Mining and Extraction Processes
	S2040000		Energy Resources
		\$2040100 \$2040200 \$2040300	

CATEGORY	GROUP	
	\$2040400 \$2040500 \$2049900	Non-Conventional Energy Resources Nuclear Energy Other Energy Resources n.e.c.
S2050000		Energy Supply
	\$2050100 \$2050200 \$2050300 \$2050400 \$2050500 \$2059900	Energy Transformation Renewable Energy Energy Distribution Energy Conservation and Efficiency Energy Issues Other Energy Supply n.e.c.
S2060000		Manufacturing
	\$2060100 \$2060200 \$2060200 \$2060300 \$2060500 \$2060500 \$2060700 \$2060900 \$2061000 \$2061100 \$2061200 \$2061400 \$2061500 \$2061500 \$2061600 \$2061700 \$2061800 \$2061900 \$2062000	Processed Food Products and Beverages Fibre Processing and Textiles, Footwear and Leather Products Wood, Wood Products and Paper Human Pharmaceutical Products Veterinary Pharmaceutical Products Agricultural Chemicals Industrial Chemicals and Related Products Basic Metal Products (Including Smelting) Industrial Mineral Products Fabricated Metal Products Transport Equipment Computer Hardware and Electronic Equipment Communication Equipment Instrumentation Machinery and Equipment Latex Product Processing Standard Supporting Technologies Materials Performance and Processes/Analysis Milling and Process Materials Synthesis and Design of Fine and Speciality Chemicals Pollution Prevention and Control Consumer Products

CATEGORY	GROUP	
	S2069900	Other Manufacturing n.e.c.
S2070000		Construction
	\$2070100 \$2070200 \$2070300 \$2070400 \$2079900	Planning Design Construction Processes Building Management and Services Other Construction n.e.c.
S2080000	I	Transport
	\$2080100 \$2080200 \$2080300 \$2089900	Ground Transport Water Transport Air and Space Transport Other Transport n.e.c.
S2090000		Information and Communication Services
	\$2090100 \$2090200 \$2090300 \$2090400 \$2099900	Computer Software and Services Information Services (Including Library) Communication Services Geoinformation Services Other Information and Communication Services n.e.c.
S2100000		Commercial Services
	\$2100100 \$2100200 \$2100300 \$2100400 \$2100500 \$2109900	Electricity, Gas and Water Services and Utilities Waste Management and Recycling Wholesale and Retail Trade Finance, Property and Business Services Tourism Other Commercial Services n.e.c.

CATEGORY	GROUP	
S2110000		Economic Framework
	S2110100 S2110200 S2110300 S2110400 S2110500 S2110600 S2110700 S2119900	Macroeconomic Issues Microeconomic Issues International Trade Issues Management and Productivity Issues Standardisation and Calibration Services Commercialisation Socio-Economic Development Other Economic Framework n.e.c.
S2120000		Natural Resources
	S2120100 S2120200 S2120300 S2120400 S2120500 S2120600 S2129900	Water Resources Biodiversity Bioactives Product Industrial Raw Materials
S2130000		Forest Production and Forest Products
	\$2130100 \$2130200 \$2130300 \$2130400 \$2130500 \$2139900	Transportation Harvesting Natural Forests Plantation Forests Information System Other Forest Production and Forest Products n.e.c.

DIV	CATEGORY	GROUP	
3			SOCIETY
	S3010000		Health
		\$3010100 \$3010200 \$3010300 \$3010400 \$3019900	Clinical (Organs, Diseases and Conditions) Public Health Health and Support Services Law Other Health n.e.c.
	S3020000		Education and Training
,		\$3020100 \$3020200 \$3020300 \$3020400 \$3020500 \$3020600 \$3020700 \$3020800 \$3020900 \$3029900	Early Childhood and Primary Education Secondary Education Tertiary Education Technical and Further Education Special Education Computer Based Teaching and Learning Education Policy Teaching Educational Administration Other Education and Training n.e.c.
	S3030000		Social Development and Community Services
		\$3030100 \$3030200 \$3030300 \$3030400 \$3030500 \$3030600 \$3030700 \$3030800 \$3039900	Community Services Public Services Art, Sport and Recreation International Relations Ethical Issues Nation Building Urban and Rural Issues Demography and Population Studies Other Social Development and Community Services n.e.c.

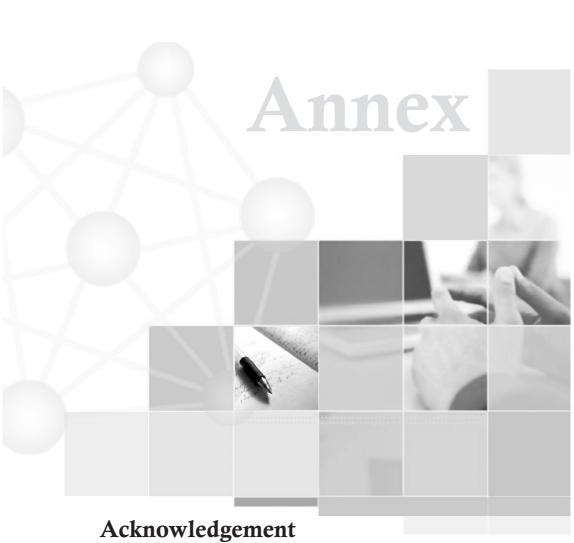
CATEGORY	GROUP	
\$3040000		Arts, Culture and Heritage
	\$3040100 \$3040200 \$3040300 \$3040400 \$3040500 \$3040600 \$3040700 \$3040800 \$3049900	Arts Culture Heritage Malaysian Culture Malay Culture Chinese Culture Indian Culture Indigenous Culture Other Arts, Culture and Heritage n.e.c
\$3050000		Religion and Ethics
	\$3050100 \$3050200 \$3059900	Religion Moral and Ethics Other Religion and Ethics n.e.c.
S3060000		Social Problems
	\$3060100 \$3060200 \$3060300 \$3060400 \$3060500 \$3060600 \$3060700 \$3069900	Youth Problems Middle Age Problems Old Age Problems Immigrants Social Inequalites Class Ethnic Other Social Problem n.e.c.

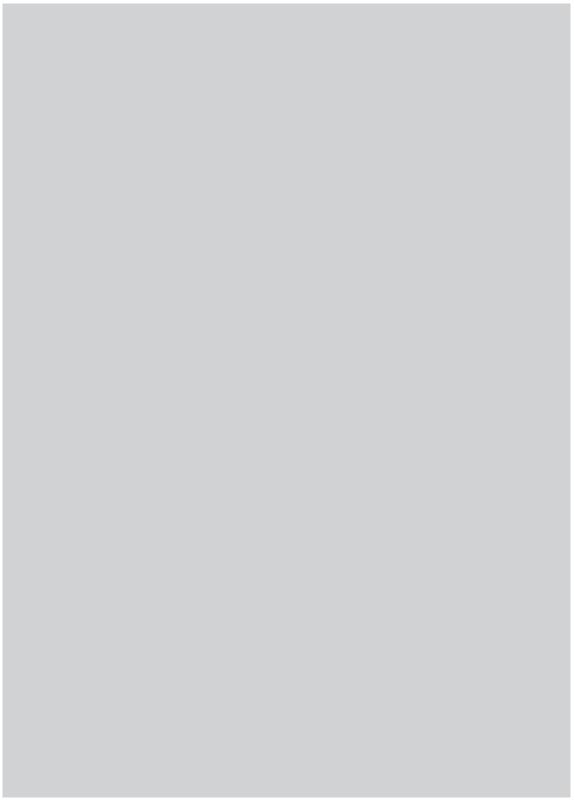
CATEGORY	GROUP	
		ENVIRONMENT
S4010000		Environmental Knowledge
	\$4010100 \$4010200 \$4010300 \$4010400 \$4010500 \$4010600 \$4010700 \$4019900	Climate and Atmosphere Ocean Water Land Nature Conservation Social Environment Water Bodies Other Environmental Knowledge n.e.c.
S4020000		Environmental Aspects of Development
	\$4020100 \$4020200 \$4020300 \$4020400 \$4020500 \$4020600 \$4020700 \$4020800 \$4020900 \$4021000 \$4021100 \$4029900	Plant Production and Plant Primary Products (Including Forestry) Animal Production and Animal Primary Products (Including Fishing) Mineral Resources (Excluding Energy) Energy Resources Energy Supply Manufacturing Construction Transport Information and Communication Services Commercial Services Environmental Economic Framework Other Environment Aspect of Development n.e.c.

DIV	CATEGORY	GROUP	
	S4030000		Environmental Management and Other Aspects
		\$4030100 \$4030200 \$4030300 \$4030500 \$4030500 \$4030700 \$4030800 \$4031000 \$4031100 \$4039900	

DIV	CATEGORY	GROUP	
5			ADVANCEMENT OF KNOWLEDGE
	S5010000		Natural Sciences, Technologies and Engineering
		\$5010100 \$5010200 \$5010300 \$5010400 \$5010500 \$5010500 \$5010700 \$5010800 \$5011000 \$5011200 \$5011200 \$5011300 \$5011400 \$5011500 \$50119900	Chemical Sciences Earth Sciences Information, Computer and Communication Technologies Applied Sciences and Technologies Engineering Sciences Biological Sciences Agricultural Sciences Medical Sciences Health Sciences Multimedia Aerospace Science Biotechnology
	S5020000		Social Sciences and Humanities
		\$5020100 \$5020200 \$5020300 \$5020400 \$5020500 \$5029900	Humanities Cyber Law Social Gerontology Medical Gerontology

 $^{^{1}} Only \, research \, projects \, that \, are \, predominantly \, "pure \, basic \, research" \, can \, be \, classified \, to \, Division \, 5 \, : Advancement \, of \, Knowledge.$





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