

## ANNEX 4 – Scientific fields

<b>Domain Code:</b>	<b>SH</b>
<b>Subdomain Code:</b>	<b>SH1, SH2, SH3, SH4, SH5, SH6</b>
<b>Research Area Code:</b>	<b>SH1_1..SH1_12, SH2_1..SH2_14....</b>

### DOMAIN SOCIAL SCIENCES AND HUMANITIES

<b>SH1</b>	<b>Individuals, institutions and markets: economics, finance and management</b>
SH1_1	Macroeconomics, growth, business cycles
SH1_2	Microeconomics, institutional economics
SH1_3	Econometrics, statistical methods
SH1_4	Financial markets, banking and corporate finance
SH1_5	Competitiveness, innovation, research and development
SH1_6	Consumer choice, behavioral economics, marketing
SH1_7	Organization studies, strategy
SH1_8	Human resource management, employment and earnings
SH1_9	Public administration, public economics
SH1_10	Income distribution, poverty
SH1_11	International trade, economic geography
SH1_12	Economic history, development
<b>SH2</b>	<b>Institutions, values, beliefs and behavior: sociology, social anthropology, political science, law, communication, social studies of science and technology</b>
SH2_1	Social structure, inequalities, social mobility
SH2_2	Ageing, work, social policies
SH2_3	Kinship, cultural dimensions of classification and cognition, individual and social identity, gender
SH2_4	Myth, ritual, symbolic representations, religious studies
SH2_5	Ethnography
SH2_6	Globalization, migration, interethnic relations
SH2_7	Transformation of societies, democratization, social movements
SH2_8	Political systems, legitimacy of governance
SH2_9	Legal systems, constitutions, foundations of law
SH2_10	Private, public and social law
SH2_11	Global and transnational governance, international law, human rights
SH2_12	Communication networks, media, information society
SH2_13	Social studies of science and technology, S&T policies, science and society
SH2_14	History of science and technology
<b>SH3</b>	<b>Environment and society: environmental studies, demography, social geography, urban and regional studies</b>
SH3_1	Environment and sustainability
SH3_2	Environmental regulation and mediation
SH3_3	Social and industrial ecology
SH3_4	Geographical information systems, cartography
SH3_5	Human and social geography
SH3_6	Spatial and regional planning
SH3_7	Population dynamics
SH3_8	Urbanization and urban planning, cities
SH3_9	Mobility and transportation

<b>SH4</b>	<b>The Human Mind and its complexity: cognition, psychology, linguistics, philosophy and education</b>
SH4_1	Evolution of mind and cognitive functions, animal communication
SH4_2	Human life-span development
SH4_3	Neuropsychology and cognitive psychology
SH4_4	Clinical and experimental psychology
SH4_5	Formal, cognitive, functional and computational linguistics
SH4_6	Typological, historical and comparative linguistics
SH4_7	Acquisition and knowledge of language: psycholinguistics, neurolinguistics
SH4_8	Use of language: pragmatics, sociolinguistics, discourse analysis
SH4_9	Second language teaching and learning, language pathologies, lexicography, terminology
SH4_10	Philosophy, history of philosophy
SH4_11	Epistemology, logic, philosophy of science
SH4_12	Ethics and morality, bioethics
SH4_13	Education: principles, techniques, typologies
<b>SH5</b>	<b>Cultures and cultural production: literature, visual and performing arts, music, cultural and comparative studies</b>
SH5_1	Classics
SH5_2	History of literature
SH5_3	Literary theory and comparative literature, literary styles
SH5_4	Textual philology and palaeography
SH5_5	Visual arts
SH5_6	Performing arts
SH5_7	Museums and exhibitions
SH5_8	Numismatics, epigraphy
SH5_9	Music and musicology, history of music
SH5_10	History of art and architecture
SH5_11	Cultural studies, cultural diversity
SH5_12	Cultural memory, intangible cultural heritage
<b>SH6</b>	<b>The study of the human past: archaeology, history and memory</b>
SH6_1	Archaeology, archaeometry, landscape archaeology
SH6_2	Prehistory and protohistory
SH6_3	Ancient history, ancient cultures
SH6_4	Medieval history
SH6_5	Modern and contemporary history
SH6_6	Colonial history, entangled histories, global history
SH6_7	Military history
SH6_8	Historiography, theory and methods of history
SH6_9	History of ideas, intellectual history
SH6_10	Social, economic, cultural and political history
SH6_11	Collective memories, identities, lieux de mémoire, oral history
SH6_12	Cultural heritage

<b>Domain Code:</b>	<b>PE</b>
<b>Subdomain Code:</b>	<b>PE1, PE2, PE3 .. PE10</b>
<b>Research Area Code:</b>	<b>PE1_1..PE_18, PE2_1..PE2_17....</b>

**DOMAIN**  
**MATHEMATICS, PHYSICAL SCIENCES, INFORMATION AND COMMUNICATION,**  
**ENGINEERING, UNIVERSE AND EARTH SCIENCES**

<b>PE1</b>	<b>Mathematical foundations:</b> all areas of mathematics, pure and applied, plus mathematical foundations of computer science, mathematical physics and statistics
PE1_1	Logic and foundations
PE1_2	Algebra
PE1_3	Number theory
PE1_4	Algebraic and complex geometry
PE1_5	Geometry
PE1_6	Topology
PE1_7	Lie groups, Lie algebras
PE1_8	Analysis
PE1_9	Operator algebras and functional analysis
PE1_10	ODE and dynamical systems
PE1_11	Partial differential equations
PE1_12	Mathematical physics
PE1_13	Probability and statistics
PE1_14	Combinatorics
PE1_15	Mathematical aspects of computer science
PE1_16	Numerical analysis and scientific computing
PE1_17	Control theory and optimization
PE1_18	Application of mathematics in sciences
<b>PE2</b>	<b>Fundamental constituents of matter:</b> particle, nuclear, plasma, atomic, molecular, gas, and optical physics
PE2_1	Fundamental interactions and fields
PE2_2	Particle physics
PE2_3	Nuclear physics
PE2_4	Nuclear astrophysics
PE2_5	Gas and plasma physics
PE2_6	Electromagnetism
PE2_7	Atomic, molecular physics
PE2_8	Optics and quantum optics
PE2_9	Lasers and laser physics
PE2_10	Acoustics
PE2_11	Relativity
PE2_12	Classical physics
PE2_13	Thermodynamics
PE2_14	Non-linear physics
PE2_15	General physics
PE2_16	Metrology and measurement
PE2_17	Statistical physics (gases)

<b>PE3</b>	<b>Condensed matter physics:</b> structure, electronic properties, fluids, nanosciences
PE3_1	Structure of solids and liquids
PE3_2	Mechanical and acoustical properties of condensed matter
PE3_3	Thermal properties of condensed matter
PE3_4	Transport properties of condensed matter
PE3_5	Electronic properties of materials and transport
PE3_6	Lattice dynamics
PE3_7	Semiconductors
PE3_8	Superconductivity
PE3_9	Superfluids
PE3_10	Spintronics
PE3_11	Magnetism
PE3_12	Nanophysics: nanoelectronics, nanophotonics, nanomagnetism
PE3_13	Mesoscopic physics
PE3_14	Molecular electronics
PE3_15	Soft condensed matter (liquid crystals...)
PE3_16	Fluid dynamics (physics)
PE3_17	Statistical physics (condensed matter)
PE3_18	Phase transitions, phase equilibria
PE3_19	Biophysics
<b>PE4</b>	<b>Physical and Analytical Chemical sciences:</b> analytical chemistry, chemical theory, physical chemistry/chemical physics
PE4_1	Physical chemistry
PE4_2	Nanochemistry
PE4_3	Spectroscopic and spectrometric techniques
PE4_4	Molecular architecture and Structure
PE4_5	Surface science
PE4_6	Analytical chemistry
PE4_7	Chemical physics
PE4_8	Chemical instrumentation
PE4_9	Electrochemistry, electrodialysis, microfluidics
PE4_10	Combinatorial chemistry
PE4_11	Method development in chemistry
PE4_12	Catalysis
PE4_13	Physical chemistry of biological systems
PE4_14	Chemical reactions: mechanisms, dynamics, kinetics and catalytic reactions
PE4_15	Theoretical and computational chemistry
PE4_16	Radiation chemistry
PE4_17	Nuclear chemistry
PE4_18	Photochemistry
<b>PE5</b>	<b>Materials and Synthesis:</b> materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry
PE5_1	Structural properties of materials
PE5_2	Solid state materials
PE5_3	Surface modification
PE5_4	Thin films
PE5_5	Corrosion
PE5_6	Porous materials
PE5_7	Ionic liquids
PE5_8	New materials: oxides, alloys, composite, organic-inorganic hybrid, superconductors

PE5_9	Materials for sensors
PE5_10	Nanomaterials : nanoparticles, nanotubes
PE5_11	Biomaterials synthesis
PE5_12	Intelligent materials – self assembled materials
PE5_13	Environment chemistry
PE5_14	Coordination chemistry
PE5_15	Colloid chemistry
PE5_16	Biological chemistry
PE5_17	Chemistry of condensed matter
PE5_18	Homogeneous and heterogeneous catalysis
PE5_19	Characterization methods of materials
PE5_20	Macromolecular chemistry
PE5_21	Polymer chemistry
PE5_22	Supramolecular chemistry
PE5_23	Organic chemistry
PE5_24	Molecular chemistry
PE6	<b>Computer science and informatics:</b> informatics and information systems, computer science, scientific computing, intelligent systems
PE6_1	Computer architecture
PE6_2	Database management
PE6_3	Formal methods
PE6_4	Graphics and image processing
PE6_5	Human computer interaction and interface
PE6_6	Informatics and information systems
PE6_7	Theoretical computer science including quantum information
PE6_8	Intelligent systems
PE6_9	Scientific computing
PE6_10	Modelling tools
PE6_11	Multimedia
PE6_12	Parallel and Distributed Computing
PE6_13	Speech recognition
PE6_14	Systems and software
PE7	<b>Systems and communication engineering:</b> electronic, communication, optical and systems engineering
PE7_1	Control engineering
PE7_2	Electrical and electronic engineering: semiconductors, components, systems
PE7_3	Simulation engineering and modelling
PE7_4	Systems engineering, sensorics, actotics, automation
PE7_5	Micro- and nanoelectronics, optoelectronics
PE7_6	Communication technology, high-frequency technology
PE7_7	Signal processing
PE7_8	Networks
PE7_9	Man-machine-interfaces
PE7_10	Robotics
PE8	<b>Products and process engineering:</b> product design, process design and control, construction methods, civil engineering, energy systems, material engineering
PE8_1	Aerospace engineering
PE8_2	Chemical engineering, technical chemistry
PE8_3	Civil engineering, maritime/hydraulic engineering, geotechnics, waste treatment
PE8_4	Computational engineering
PE8_5	Fluid mechanics, hydraulic-, turbo-, and piston engines

PE8_6	Energy systems (production, distribution, application)
PE8_7	Micro(system) engineering
PE8_8	Mechanical and manufacturing engineering (shaping, mounting, joining, separation)
PE8_9	Materials engineering (biomaterials, metals, ceramics, polymers, composites, ...)
PE8_10	Production technology, process engineering
PE8_11	Product design, ergonomics, man-machine interfaces
PE8_12	Lightweight construction, textile technology
PE8_13	Industrial bioengineering
PE8_14	Industrial biofuel production
PE9	<b>Universe sciences:</b> astro-physics/chemistry/biology; solar system; stellar, galactic and extragalactic astronomy, planetary systems, cosmology; space science, instrumentation
PE9_1	Solar and interplanetary physics
PE9_2	Planetary systems sciences
PE9_3	Interstellar medium
PE9_4	Formation of stars and planets
PE9_5	Astrobiology
PE9_6	Stars and stellar systems
PE9_7	The Galaxy
PE9_8	Formation and evolution of galaxies
PE9_9	Clusters of galaxies and large scale structures
PE9_10	High energy and particles astronomy – X-rays, cosmic rays, gamma rays, neutrinos
PE9_11	Relativistic astrophysics
PE9_12	Dark matter, dark energy
PE9_13	Gravitational astronomy
PE9_14	Cosmology
PE9_15	Space Sciences
PE9_16	Very large data bases: archiving, handling and analysis
PE9_17	Instrumentation - telescopes, detectors and techniques
PE9_18	Solar planetology
PE10	<b>Earth system science:</b> physical geography, geology, geophysics, meteorology, oceanography, climatology, ecology, global environmental change, biogeochemical cycles, natural resources management
PE10_1	Atmospheric chemistry, atmospheric composition, air pollution
PE10_2	Meteorology, atmospheric physics and dynamics
PE10_3	Climatology and climate change
PE10_4	Terrestrial ecology, land cover change,
PE10_5	Geology, tectonics, volcanology,
PE10_6	Paleoclimatology, paleoecology
PE10_7	Physics of earth's interior, seismology, volcanology
PE10_8	Oceanography (physical, chemical, biological)
PE10_9	Biogeochemistry, biogeochemical cycles, environmental chemistry
PE10_10	Mineralogy, petrology, igneous petrology, metamorphic petrology
PE10_11	Geochemistry, crystal chemistry, isotope geochemistry, thermodynamics,
PE10_12	Sedimentology, soil science, palaeontology, earth evolution
PE10_13	Physical geography
PE10_14	Earth observations from space/remote sensing
PE10_15	Geomagnetism, palcomagnetism
PE10_16	Ozone, upper atmosphere, ionosphere
PE10_17	Hydrology, water and soil pollution

<b>Domain Code:</b>	<b>LS</b>
<b>Subdomain Code:</b>	<b>LS1,LS2.....LS9</b>
<b>Research Area Code:</b>	<b>LS1_1....LS1_8,LS2_1....LS2_14.....</b>

**DOMAIN  
LIFE SCIENCES**

<b>LS1</b>	<b>Molecular and Structural Biology and Biochemistry:</b> molecular biology, biochemistry, biophysics, structural biology, biochemistry of signal transduction
LS1_1	Molecular biology and interactions
LS1_2	General biochemistry and metabolism
LS1_3	DNA biosynthesis, modification, repair and degradation
LS1_4	RNA synthesis, processing, modification and degradation
LS1_5	Protein synthesis, modification and turnover
LS1_6	Biophysics
LS1_7	Structural biology (crystallography, NMR, EM)
LS1_8	Biochemistry of signal transduction
<b>LS2</b>	<b>Genetics, Genomics, Bioinformatics and Systems Biology:</b> genetics, population genetics, molecular genetics, genomics, transcriptomics, proteomics, metabolomics, bioinformatics, computational biology, biostatistics, biological modelling and simulation, systems biology, genetic epidemiology
LS2_1	Genomics, comparative genomics, functional genomics
LS2_2	Transcriptomics
LS2_3	Proteomics
LS2_4	Metabolomics
LS2_5	Glycomics
LS2_6	Molecular genetics, reverse genetics and RNAi
LS2_7	Quantitative genetics
LS2_8	Epigenetics and gene regulation
LS2_9	Genetic epidemiology
LS2_10	Bioinformatics
LS2_11	Computational biology
LS2_12	Biostatistics
LS2_13	Systems biology
LS2_14	Biological systems analysis, modelling and simulation
<b>LS3</b>	<b>Cellular and Developmental Biology:</b> cell biology, cell physiology, signal transduction, organogenesis, developmental genetics, pattern formation in plants and animals
LS3_1	Morphology and functional imaging of cells
LS3_2	Cell biology and molecular transport mechanisms
LS3_3	Cell cycle and division
LS3_4	Apoptosis
LS3_5	Cell differentiation, physiology and dynamics
LS3_6	Organelle biology
LS3_7	Cell signalling and cellular interactions
LS3_8	Signal transduction
LS3_9	Development, developmental genetics, pattern formation and embryology in animals
LS3_10	Development, developmental genetics, pattern formation and embryology in plants
LS3_11	Cell genetics
LS3_12	Stem cell biology

<b>LS4</b>	<b>Physiology, Pathophysiology and Endocrinology:</b> organ physiology, pathophysiology, endocrinology, metabolism, ageing, regeneration, tumorigenesis, cardiovascular disease, metabolic syndrome
LS4_1	Organ physiology
LS4_2	Comparative physiology
LS4_3	Endocrinology
LS4_4	Ageing
LS4_5	Metabolism, biological basis of metabolism related disorders
LS4_6	Cancer and its biological basis
LS4_7	Cardiovascular diseases
LS4_8	Non-communicable diseases (except for neural/psychiatric, immunity-related, metabolism-related disorders, cancer and cardiovascular diseases)
<b>LS5</b>	<b>Neurosciences and neural disorders:</b> neurobiology, neuroanatomy, neurophysiology, neurochemistry, neuropharmacology, neuroimaging, systems neuroscience, neurological disorders, psychiatry
LS5_1	Neuroanatomy and neurosurgery
LS5_2	Neurophysiology
LS5_3	Neurochemistry and neuropharmacology
LS5_4	Sensory systems (e.g. visual system, auditory system)
LS5_5	Mechanisms of pain
LS5_6	Developmental neurobiology
LS5_7	Cognition (e.g. learning, memory, emotions, speech)
LS5_8	Behavioral neuroscience (e.g. sleep, consciousness, handedness)
LS5_9	Systems neuroscience
LS5_10	Neuroimaging and computational neuroscience
LS5_11	Neurological disorders (e.g. Alzheimer's disease, Huntington's disease, Parkinson's disease)
LS5_12	Psychiatric disorders (e.g. schizophrenia, autism, Tourette's syndrome, obsessive compulsive disorder, depression, bipolar disorder, attention deficit hyperactivity disorder)
<b>LS6</b>	<b>Immunity and infection:</b> immunobiology, aetiology of immune disorders, microbiology, virology, parasitology, global and other infectious diseases, population dynamics of infectious diseases, veterinary medicine
LS6_1	Innate immunity
LS6_2	Adaptive immunity
LS6_3	Phagocytosis and cellular immunity
LS6_4	Immunosignalling
LS6_5	Immunological memory and tolerance
LS6_6	Immunogenetics
LS6_7	Microbiology
LS6_8	Virology
LS6_9	Bacteriology
LS6_10	Parasitology
LS6_11	Prevention and treatment of infection by pathogens (e.g. vaccination, antibiotics, fungicide)
LS6_12	Biological basis of immunity related disorders
LS6_13	Veterinary medicine
<b>LS7</b>	<b>Diagnostic tools, therapies and public health:</b> aetiology, diagnosis and treatment of disease, public health, epidemiology, pharmacology, clinical medicine, regenerative medicine, medical ethics
LS7_1	Medical engineering and technology
LS7_2	Diagnostic tools (e.g. genetic, imaging)
LS7_3	Pharmacology, pharmacogenomics, drug discovery and design, drug therapy
LS7_4	Analgesia
LS7_5	Toxicology
LS7_6	Gene therapy, stem cell therapy, regenerative medicine
LS7_7	Surgery
LS7_8	Radiation therapy
LS7_9	Health services, health care research



LS7_10	Public health and epidemiology
LS7_11	Environment and health risks including radiation
LS7_12	Occupational medicine
LS7_13	Medical ethics
<b>LS8</b>	<b>Evolutionary, population and environmental biology:</b> evolution, ecology, animal behaviour, population biology, biodiversity, biogeography, marine biology, eco-toxicology, prokaryotic biology
LS8_1	Ecology (theoretical, community, population, microbial, evolutionary ecology)
LS8_2	Population biology, population dynamics, population genetics, plant-animal interactions
LS8_3	Systems Evolution, biological adaptation, phylogenetics, systematics
LS8_4	Biodiversity, comparative biology
LS8_5	Conservation biology, ecology, genetics
LS8_6	Biogeography
LS8_7	Animal behaviour (behavioural ecology, animal communication)
LS8_8	Environmental and marine biology
LS8_9	Environmental toxicology
LS8_10	Prokaryotic biology
LS8_11	Symbiosis
<b>LS9</b>	<b>Applied life sciences and biotechnology:</b> agricultural, animal, fishery, forestry and food sciences; biotechnology, chemical biology, genetic engineering, synthetic biology, industrial biosciences; environmental biotechnology and remediation
LS9_1	Genetic engineering, transgenic organisms, recombinant proteins, biosensors
LS9_2	Synthetic biology and new bio-engineering concepts
LS9_3	Agriculture related to animal husbandry, dairying, livestock raising
LS9_4	Aquaculture, fisheries
LS9_5	Agriculture related to crop production, soil biology and cultivation, applied plant biology
LS9_6	Food sciences
LS9_7	Forestry, biomass production (e.g. for biofuels)
LS9_8	Environmental biotechnology, bioremediation, biodegradation
LS9_9	Biotechnology, bioreactors, applied microbiology
LS9_10	Biomimetics
LS9_11	Biohazards, biological containment, biosafety, biosecurity

*The list of the domains where the projects are hierarchised*

Subdomain name	Subdomain code
Mathematics and Computer Science	PE1_1;PE1_2;PE1_3;PE1_4;PE1_5;PE1_6;PE1_7;PE1_8;PE1_9;PE1_10;PE1_11;PE1_12;PE1_13;PE1_14;PE1_15;PE1_16;PE1_17;PE1_18. PE6_1;PE6_2;PE6_3;PE6_4;PE6_5;PE6_6;PE6_7;PE6_8;PE6_9;PE6_10;PE6_11;PE6_12;PE6_13;PE6_14.
Chemistry	PE4_1;PE4_2;PE4_3;PE4_4;PE4_5;PE4_6;PE4_7;PE4_8;PE4_9;PE4_10;PE4_11;PE4_12; PE4_13;PE4_14;PE4_15;PE4_16;PE4_17;PE4_18. PE5_13;PE5_14;PE5_15;PE5_16;PE5_17;PE5_18;PE5_19;PE5_20;PE5_21;PE5_22;PE5_23;PE5_24.
Physics	PE2_1; PE2_2;PE2_3;PE2_4;PE2_5;PE2_6;PE2_7;PE2_8;PE2_9;PE2_10;PE2_11;PE2_12;PE2_13;PE2_14; PE2_15;PE2_16;PE2_17. PE3_1;PE3_2;PE3_3;PE3_4;PE3_5;PE3_6;PE3_7;PE3_8;PE3_9;PE3_10;PE3_11;PE3_12;PE3_13; PE3_14;PE3_15;PE3_16;PE3_17;PE3_18;PE3_19. PE9_1;PE9_2;PE9_3;PE9_4;PE9_5;PE9_6;PE9_7;PE9_8;PE9_9;PE9_10;PE9_11;PE9_12;PE9_13; PE9_14;PE9_15;PE9_16;PE9_17;PE9_18.
Engineering Sciences	PE7_1;PE7_2;PE7_3;PE7_4;PE7_5;PE7_6;PE7_7;PE7_8;PE7_9;PE7_10. PE8_1;PE8_2;PE8_3;PE8_4;PE8_5;PE8_6;PE8_7;PE8_8;PE8_9;PE8_10;PE8_11;PE8_12;PE8_13; PE8_14;
Materials Sciences	PE5_1;PE5_2;PE5_3;PE5_4;PE5_5;PE5_6;PE5_7;PE5_8;PE5_9;PE5_10;PE5_11;PE5_12.
Earth Sciences	PE10_1;PE10_2;PE10_3;PE10_4;PE10_5;PE10_6;PE10_7;PE10_8;PE10_9;PE10_10;PE10_11; PE10_12;PE10_13;PE10_14;PE10_15;PE10_16;PE10_17
Biology and Ecology	LS1_1;LS1_2;LS1_3;LS1_4;LS1_5;LS1_6;LS1_7;LS1_8. LS2_1;LS2_2;LS2_3;LS2_4;LS2_5;LS2_6;LS2_7;LS2_8;LS2_9;LS2_10;LS2_11;LS2_12;LS2_13; LS2_14. LS3_1;LS3_2;LS3_3;LS3_4;LS3_5;LS3_6;LS3_7;LS3_8;LS3_9; LS3_10;LS3_11;LS3_12. LS4_1;LS4_2;LS4_3;LS4_4;LS4_5;LS4_6;LS4_7;LS4_8. LS5_1;LS5_2;LS5_3;LS5_4;LS5_5;LS5_6;LS5_7;LS5_8;LS5_9;LS5_10;LS5_11;LS5_12. LS8_1;LS8_2;LS8_3;LS8_4;LS8_5;LS8_6;LS8_7;LS8_8;LS8_9;LS8_10;LS8_11.
Medicine	LS6_1;LS6_2;LS6_3;LS6_4;LS6_5;LS6_6;LS6_7;LS6_8;LS6_9;LS6_10;LS6_11;LS6_12;LS6_13. LS7_1;LS7_2;LS7_3;LS7_4;LS7_5;LS7_6;LS7_7;LS7_8;LS7_9;LS7_10;LS7_11;LS7_12;LS7_13.
Applied Life Sciences and Biotechnologies	LS9_1;LS9_2;LS9_3;LS9_4;LS9_5;LS9_6;LS9_7;LS9_8;LS9_9;LS9_10;LS9_11.
Social and Economic Sciences	SH1_1;SH1_2;SH1_3;SH1_4;SH1_5;SH1_6;SH1_7;SH1_8;SH1_9; SH1_10;SH1_11. SH2_1;SH2_2;SH2_3;SH2_6;SH2_7;SH2_8;SH2_9;SH2_10; SH2_11;SH2_12;SH2_13; SH3_1;SH3_2;SH3_3;SH3_4;SH3_5;SH3_6;SH3_7;SH3_8;SH3_9; SH4_1;SH4_2;SH4_3;SH4_4;SH4_5;SH4_7;SH4_8;SH4_9;SH4_13.
Humanities	SH1_12;SH2_4;SH2_5;SH2_14;SH4_6;SH4_10;SH4_11;SH4_12; SH5_1;SH5_2;SH5_3;SH5_4;SH5_5;SH5_6;SH5_7;SH5_8;SH5_9;SH5_10;SH5_11;SH5_12;SH6_1; SH6_2;SH6_3;SH6_4;SH6_5;SH6_6;SH6_7;SH6_8;SH6_9;SH6_10;SH6_11;SH6_12.