

## APPENDIX 4 – Scientific domains and research areas

<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:</b> economics, finance and management
<b>SH1_1</b>	Macroeconomics, growth, business cycles
<b>SH1_2</b>	Microeconomics, institutional economics
<b>SH1_3</b>	Econometrics, statistical methods
<b>SH1_4</b>	Financial markets, banking and corporate finance
<b>SH1_5</b>	Competitiveness, innovation, research and development
<b>SH1_6</b>	Consumer choice, behavioral economics, marketing
<b>SH1_7</b>	Organization studies, strategy
<b>SH1_8</b>	Human resource management, employment and earnings
<b>SH1_9</b>	Public administration, public economics
<b>SH1_10</b>	Income distribution, poverty
<b>SH1_11</b>	International trade, economic geography
<b>SH1_12</b>	Economic history, development
<b>SH2</b>	<b>Institutions, values, beliefs and behavior:</b> sociology, social anthropology, political science, law, communication, social studies of science and technology
<b>SH2_1</b>	Social structure, inequalities, social mobility
<b>SH2_2</b>	Ageing, work, social policies
<b>SH2_3</b>	Kinship, cultural dimensions of classification and cognition, individual and social identity, gender
<b>SH2_4</b>	Myth, ritual, symbolic representations, religious studies
<b>SH2_5</b>	Ethnography
<b>SH2_6</b>	Globalization, migration, interethnic relations
<b>SH2_7</b>	Transformation of societies, democratization, social movements
<b>SH2_8</b>	Political systems, legitimacy of governance
<b>SH2_9</b>	Legal systems, constitutions, foundations of law
<b>SH2_10</b>	Private, public and social law
<b>SH2_11</b>	Global and transnational governance, international law, human rights

<b>SH2_12</b>	Communication networks, media, information society
<b>SH2_13</b>	Social studies of science and technology, S&T policies, science and society
<b>SH2_14</b>	History of science and technology
<b>SH3</b>	<b>Environment and society:</b> environmental studies, demography, social geography, urban and regional studies
<b>SH3_1</b>	Environment and sustainability
<b>SH3_2</b>	Environmental regulation and mediation
<b>SH3_3</b>	Social and industrial ecology
<b>SH3_4</b>	Geographical information systems, cartography
<b>SH3_5</b>	Human and social geography
<b>SH3_6</b>	Spatial and regional planning
<b>SH3_7</b>	Population dynamics
<b>SH3_8</b>	Urbanization and urban planning, cities
<b>SH3_9</b>	Mobility and transportation
<b>SH4</b>	<b>The Human Mind and its complexity:</b> cognition, psychology, linguistics, philosophy and education
<b>SH4_1</b>	Evolution of mind and cognitive functions, animal communication
<b>SH4_2</b>	Human life-span development
<b>SH4_3</b>	Neuropsychology and cognitive psychology
<b>SH4_4</b>	Clinical and experimental psychology
<b>SH4_5</b>	Formal, cognitive, functional and computational linguistics
<b>SH4_6</b>	Typological, historical and comparative linguistics
<b>SH4_7</b>	Acquisition and knowledge of language: psycholinguistics, neurolinguistics
<b>SH4_8</b>	Use of language: pragmatics, sociolinguistics, discourse analysis
<b>SH4_9</b>	Second language teaching and learning, language pathologies, lexicography, terminology
<b>SH4_10</b>	Philosophy, history of philosophy
<b>SH4_11</b>	Epistemology, logic, philosophy of science
<b>SH4_12</b>	Ethics and morality, bioethics
<b>SH4_13</b>	Education: principles, techniques, typologies
<b>SH5</b>	<b>Cultures and cultural production:</b> literature, visual and performing arts, music, cultural and comparative studies
<b>SH5_1</b>	Classics
<b>SH5_2</b>	History of literature
<b>SH5_3</b>	Literary theory and comparative literature, literary styles
<b>SH5_4</b>	Textual philology and palaeography

<b>SH5_5</b>	Visual arts
<b>SH5_6</b>	Performing arts
<b>SH5_7</b>	Museums and exhibitions
<b>SH5_8</b>	Numismatics, epigraphy
<b>SH5_9</b>	Music and musicology, history of music
<b>SH5_10</b>	History of art and architecture
<b>SH5_11</b>	Cultural studies, cultural diversity
<b>SH5_12</b>	Cultural memory, intangible cultural heritage
<b>SH6</b>	<b>The study of the human past: archaeology, history and memory</b>
<b>SH6_1</b>	Archaeology, archaeometry, landscape archaeology
<b>SH6_2</b>	Prehistory and protohistory
<b>SH6_3</b>	Ancient history, ancient cultures
<b>SH6_4</b>	Medieval history
<b>SH6_5</b>	Modern and contemporary history
<b>SH6_6</b>	Colonial history, entangled histories, global history
<b>SH6_7</b>	Military history
<b>SH6_8</b>	Historiography, theory and methods of history
<b>SH6_9</b>	History of ideas, intellectual history
<b>SH6_10</b>	Social, economic, cultural and political history
<b>SH6_11</b>	Collective memories, identities, lieux de mémoire, oral history
<b>SH6_12</b>	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
<b>PE1_1</b>	Logic and foundations
<b>PE1_2</b>	Algebra
<b>PE1_3</b>	Number theory
<b>PE1_4</b>	Algebraic and complex geometry
<b>PE1_5</b>	Geometry
<b>PE1_6</b>	Topology
<b>PE1_7</b>	Lie groups, Lie algebras
<b>PE1_8</b>	Analysis
<b>PE1_9</b>	Operator algebras and functional analysis
<b>PE1_10</b>	ODE and dynamical systems
<b>PE1_11</b>	Partial differential equations
<b>PE1_12</b>	Mathematical physics
<b>PE1_13</b>	Probability and statistics
<b>PE1_14</b>	Combinatorics
<b>PE1_15</b>	Mathematical aspects of computer science
<b>PE1_16</b>	Numerical analysis and scientific computing
<b>PE1_17</b>	Control theory and optimization
<b>PE1_18</b>	Application of mathematics in sciences
<b>PE2</b>	<b>Fundamental constituents of matter:</b> particle, nuclear, plasma, atomic, molecular, gas, and optical physics
<b>PE2_1</b>	Fundamental interactions and fields
<b>PE2_2</b>	Particle physics
<b>PE2_3</b>	Nuclear physics
<b>PE2_4</b>	Nuclear astrophysics
<b>PE2_5</b>	Gas and plasma physics
<b>PE2_6</b>	Electromagnetism
<b>PE2_7</b>	Atomic, molecular physics

<b>PE2_8</b>	Optics and quantum optics
<b>PE2_9</b>	Lasers and laser physics
<b>PE2_10</b>	Acoustics
<b>PE2_11</b>	Relativity
<b>PE2_12</b>	Classical physics
<b>PE2_13</b>	Thermodynamics
<b>PE2_14</b>	Non-linear physics
<b>PE2_15</b>	General physics
<b>PE2_16</b>	Metrology and measurement
<b>PE2_17</b>	Statistical physics (gases)
<b>PE3</b>	<b>Condensed matter physics:</b> structure, electronic properties, fluids, nanosciences
<b>PE3_1</b>	Structure of solids and liquids
<b>PE3_2</b>	Mechanical and acoustical properties of condensed matter
<b>PE3_3</b>	Thermal properties of condensed matter
<b>PE3_4</b>	Transport properties of condensed matter
<b>PE3_5</b>	Electronic properties of materials and transport
<b>PE3_6</b>	Lattice dynamics
<b>PE3_7</b>	Semiconductors
<b>PE3_8</b>	Superconductivity
<b>PE3_9</b>	Superfluids
<b>PE3_10</b>	Spintronics
<b>PE3_11</b>	Magnetism
<b>PE3_12</b>	Nanophysics: nanoelectronics, nanophotonics, nanomagnetism
<b>PE3_13</b>	Mesoscopic physics
<b>PE3_14</b>	Molecular electronics
<b>PE3_15</b>	Soft condensed matter (liquid crystals...)
<b>PE3_16</b>	Fluid dynamics (physics)
<b>PE3_17</b>	Statistical physics (condensed matter)
<b>PE3_18</b>	Phase transitions, phase equilibria
<b>PE3_19</b>	Biophysics
<b>PE4</b>	<b>Physical and Analytical Chemical sciences:</b> analytical chemistry, chemical theory, physical chemistry/chemical physics
<b>PE4_1</b>	Physical chemistry
<b>PE4_2</b>	Nanochemistry

<b>PE4_3</b>	Spectroscopic and spectrometric techniques
<b>PE4_4</b>	Molecular architecture and Structure
<b>PE4_5</b>	Surface science
<b>PE4_6</b>	Analytical chemistry
<b>PE4_7</b>	Chemical physics
<b>PE4_8</b>	Chemical instrumentation
<b>PE4_9</b>	Electrochemistry, electrodialysis, microfluidics
<b>PE4_10</b>	Combinatorial chemistry
<b>PE4_11</b>	Method development in chemistry
<b>PE4_12</b>	Catalysis
<b>PE4_13</b>	Physical chemistry of biological systems
<b>PE4_14</b>	Chemical reactions: mechanisms, dynamics, kinetics and catalytic reactions
<b>PE4_15</b>	Theoretical and computational chemistry
<b>PE4_16</b>	Radiation chemistry
<b>PE4_17</b>	Nuclear chemistry
<b>PE4_18</b>	Photochemistry
<b>PE5</b>	<b>Materials and Synthesis:</b> materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry
<b>PE5_1</b>	Structural properties of materials
<b>PE5_2</b>	Solid state materials
<b>PE5_3</b>	Surface modification
<b>PE5_4</b>	Thin films
<b>PE5_5</b>	Corrosion
<b>PE5_6</b>	Porous materials
<b>PE5_7</b>	Ionic liquids
<b>PE5_8</b>	New materials: oxides, alloys, composite, organic-inorganic hybrid, superconductors
<b>PE5_9</b>	Materials for sensors
<b>PE5_10</b>	Nanomaterials : nanoparticles, nanotubes
<b>PE5_11</b>	Biomaterials synthesis
<b>PE5_12</b>	Intelligent materials – self assembled materials
<b>PE5_13</b>	Environment chemistry
<b>PE5_14</b>	Coordination chemistry
<b>PE5_15</b>	Colloid chemistry
<b>PE5_16</b>	Biological chemistry

<b>PE5_17</b>	Chemistry of condensed matter
<b>PE5_18</b>	Homogeneous and heterogeneous catalysis
<b>PE5_19</b>	Characterization methods of materials
<b>PE5_20</b>	Macromolecular chemistry
<b>PE5_21</b>	Polymer chemistry
<b>PE5_22</b>	Supramolecular chemistry
<b>PE5_23</b>	Organic chemistry
<b>PE5_24</b>	Molecular chemistry
<b>PE6</b>	<b>Computer science and informatics:</b> informatics and information systems, computer science, scientific computing, intelligent systems
<b>PE6_1</b>	Computer architecture
<b>PE6_2</b>	Database management
<b>PE6_3</b>	Formal methods
<b>PE6_4</b>	Graphics and image processing
<b>PE6_5</b>	Human computer interaction and interface
<b>PE6_6</b>	Informatics and information systems
<b>PE6_7</b>	Theoretical computer science including quantum information
<b>PE6_8</b>	Intelligent systems
<b>PE6_9</b>	Scientific computing
<b>PE6_10</b>	Modelling tools
<b>PE6_11</b>	Multimedia
<b>PE6_12</b>	Parallel and Distributed Computing
<b>PE6_13</b>	Speech recognition
<b>PE6_14</b>	Systems and software
<b>PE7</b>	<b>Systems and communication engineering:</b> electronic, communication, optical and systems engineering
<b>PE7_1</b>	Control engineering
<b>PE7_2</b>	Electrical and electronic engineering: semiconductors, components, systems
<b>PE7_3</b>	Simulation engineering and modelling
<b>PE7_4</b>	Systems engineering, sensorics, actorics, automation
<b>PE7_5</b>	Micro- and nanoelectronics, optoelectronics
<b>PE7_6</b>	Communication technology, high-frequency technology
<b>PE7_7</b>	Signal processing
<b>PE7_8</b>	Networks
<b>PE7_9</b>	Man-machine-interfaces

<b>PE7_10</b>	Robotics
<b>PE8</b>	<b>Products and process engineering:</b> product design, process design and control, construction methods, civil engineering, energy systems, material engineering
<b>PE8_1</b>	Aerospace engineering
<b>PE8_2</b>	Chemical engineering, technical chemistry
<b>PE8_3</b>	Civil engineering, maritime/hydraulic engineering, geotechnics, waste treatment
<b>PE8_4</b>	Computational engineering
<b>PE8_5</b>	Fluid mechanics, hydraulic-, turbo-, and piston engines
<b>PE8_6</b>	Energy systems (production, distribution, application)
<b>PE8_7</b>	Micro(system) engineering
<b>PE8_8</b>	Mechanical and manufacturing engineering (shaping, mounting, joining, separation)
<b>PE8_9</b>	Materials engineering (biomaterials, metals, ceramics, polymers, composites, ...)
<b>PE8_10</b>	Production technology, process engineering
<b>PE8_11</b>	Product design, ergonomics, man-machine interfaces
<b>PE8_12</b>	Lightweight construction, textile technology
<b>PE8_13</b>	Industrial bioengineering
<b>PE8_14</b>	Industrial biofuel production
<b>PE9</b>	<b>Universe sciences:</b> astro-physics/chemistry/biology; solar system; stellar, galactic and extragalactic astronomy, planetary systems, cosmology; space science, instrumentation
<b>PE9_1</b>	Solar and interplanetary physics
<b>PE9_2</b>	Planetary systems sciences
<b>PE9_3</b>	Interstellar medium
<b>PE9_4</b>	Formation of stars and planets
<b>PE9_5</b>	Astrobiology
<b>PE9_6</b>	Stars and stellar systems
<b>PE9_7</b>	The Galaxy
<b>PE9_8</b>	Formation and evolution of galaxies
<b>PE9_9</b>	Clusters of galaxies and large scale structures
<b>PE9_10</b>	High energy and particles astronomy – X-rays, cosmic rays, gamma rays, neutrinos
<b>PE9_11</b>	Relativistic astrophysics
<b>PE9_12</b>	Dark matter, dark energy
<b>PE9_13</b>	Gravitational astronomy
<b>PE9_14</b>	Cosmology
<b>PE9_15</b>	Space Sciences
<b>PE9_16</b>	Very large data bases: archiving, handling and analysis

<b>PE9_17</b>	Instrumentation - telescopes, detectors and techniques
<b>PE9_18</b>	Solar planetology
<b>PE10</b>	<b>Earth system science:</b> physical geography, geology, geophysics, meteorology, oceanography, climatology, ecology, global environmental change, biogeochemical cycles, natural resources management
<b>PE10_1</b>	Atmospheric chemistry, atmospheric composition, air pollution
<b>PE10_2</b>	Meteorology, atmospheric physics and dynamics
<b>PE10_3</b>	Climatology and climate change
<b>PE10_4</b>	Terrestrial ecology, land cover change,
<b>PE10_5</b>	Geology, tectonics, volcanology,
<b>PE10_6</b>	Paleoclimatology, paleoecology
<b>PE10_7</b>	Physics of earth's interior, seismology, volcanology
<b>PE10_8</b>	Oceanography (physical, chemical, biological)
<b>PE10_9</b>	Biogeochemistry, biogeochemical cycles, environmental chemistry
<b>PE10_10</b>	Mineralogy, petrology, igneous petrology, metamorphic petrology
<b>PE10_11</b>	Geochemistry, crystal chemistry, isotope geochemistry, thermodynamics,
<b>PE10_12</b>	Sedimentology, soil science, palaeontology, earth evolution
<b>PE10_13</b>	Physical geography
<b>PE10_14</b>	Earth observations from space/remote sensing
<b>PE10_15</b>	Geomagnetism, paleomagnetism
<b>PE10_16</b>	Ozone, upper atmosphere, ionosphere
<b>PE10_17</b>	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

### **Research areas in the social sciences:**

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, behavioural 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

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\_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  
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  
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\_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\_13 Education: principles, techniques, typologies

**Research areas in the humanities:**

SH1\_12 Economic history, development  
SH2\_4 Myth, ritual, symbolic representations, religious studies  
SH2\_5 Ethnography  
SH2\_14 History of science and technology  
SH4\_6 Typological, historical and comparative linguistics  
SH4\_10 Philosophy, history of philosophy  
SH4\_11 Epistemology, logic, philosophy of science

SH4\_12 Ethics and morality, bioethics  
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  
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

**Research areas with a national Romanian character** are the Romanian language and literature and Romanian law which fall into the following research areas:

SH2\_10 Private, public and social law  
SH5\_2 History of literature  
SH5\_3 Literary theory and comparative literature, literary styles  
SH5\_4 Textual philology and palaeography