

Field category	Description
Mathematics	All areas of mathematics, pure and applied, plus mathematical foundations of computer science, mathematical physics and statistics
Fundamental Constituents of Matter	Particle, nuclear, plasma, atomic, molecular, gas, and optical physics
Condensed Matter Physics	Structure, electronic properties, fluids, nanosciences, biophysics
Physical and Analytical Chemical Sciences	Analytical chemistry, chemical theory, physical chemistry/chemical physics
Synthetic Chemistry and Materials	Materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry
Computer Science and Informatics	Informatics and information systems, computer science, scientific computing, intelligent systems
Universe Sciences	Astro-physics/chemistry/biology; solar system; stellar, galactic and extragalactic astronomy, planetary systems, cosmology, space science, instrumentation
Earth System Science	Physical geography, geology, geophysics, atmospheric sciences, oceanography, climatology, ecology, global environmental change, biogeochemical cycles, natural resources management
Molecular and Structural Biology and Biochemistry	Molecular synthesis, modification and interaction, biochemistry, biophysics, structural biology, metabolism, signal transduction
Genetics, Genomics, Bioinformatics and Systems Biology	Molecular and population genetics, genomics, transcriptomics, proteomics, metabolomics, bioinformatics, computational biology, biostatistics, biological modelling and simulation, systems biology, genetic epidemiology
Cellular and Developmental Biology	Cell biology, cell physiology, signal transduction, organogenesis, developmental genetics, pattern formation in plants and animals, stem cell biology
Evolutionary, Population and Environmental Biology	Evolution, ecology, animal behaviour, population biology, biodiversity, biogeography, marine biology, ecotoxicology, microbial ecology
Civil engineering	Civil engineering, architecture engineering, construction engineering, municipal and structural engineering, transport engineering
Electrical engineering, Electronic engineering, Information engineering	Electrical and electronic engineering, robotics and automatic control, automation and control systems, communication engineering and systems, telecommunications, computer hardware and architecture
Mechanical engineering	Mechanical engineering, applied mechanics, thermodynamics, aerospace engineering, nuclear related engineering, audio engineering, reliability analysis
Chemical engineering	Chemical engineering (plants, products), chemical process engineering
Materials engineering	Materials engineering, ceramics, coating and films, composites (including laminates, reinforced plastics, cermets, combined natural and synthetic fibre fabrics, filled composites), paper and wood, textiles, including synthetic dyes, colours, fibres
Medical engineering	Medical engineering, medical laboratory technology (including laboratory samples analysis, diagnostic technologies)
Environmental engineering	Environmental and geological engineering, geotechnics, petroleum engineering, (fuel, oils), Energy and fuels, remote sensing, mining and mineral processing, marine engineering, sea vessels, ocean engineering
Environmental biotechnology	Environmental biotechnology, bioremediation, diagnostic biotechnologies (DNA chips and biosensing devices) in environmental management, environmental biotechnology related ethics
Industrial biotechnology	Industrial biotechnology, bioprocessing technologies (industrial processes relying on biological agents to drive the process) biocatalysis, fermentation, bioproducts (products that are manufactured using biological material as feedstock) biomaterials, bioplastics, biofuels, bioderived bulk and fine chemicals, bio-derived novel materials
Nano-technology	Nano-materials (production and properties), nano-processes (applications on nano-scale)