

SPECIALIZACE PANELŮ GA ČR

(od 1. dubna 2025)

Technické vědy

Strojní inženýrství (Mechanical engineering)- P101

- Biomechanical engineering
- Control engineering, mechatronics and robotics
- Fluid mechanics and thermal engineering
- Acoustics and noise control (excl. architectural acoustics)
- Dynamics, vibration and vibration control
- Numerical modelling and mechanical characterisation
- Solid mechanics
- Tribology

Elektrotechnika a elektronika (Electrical and electronic engineering)- P102

- Communications engineering
- Electrical engineering
- Electronics, sensors and digital hardware
- Microelectromechanical systems (MEMS)
- Nanoelectronics
- Lasers and quantum electronics
- Photonics, optoelectronics and optical communications

Počítačové a informační inženýrství (Computer and information engineering)- P103

- Bioinformatic methods development
- Control engineering
- Simulation, modelling, and programming of mechatronics systems
- Artificial intelligence
- Computer vision and multimedia computation
- Data management and data science
- Distributed systems and algorithms
- Computer graphics
- Human-computer interaction
- Information modelling, management and ontologies
- Machine learning
- Software engineering

Stavební inženýrství (Civil engineering)- P105

- Civil geotechnical engineering
- Structural dynamics
- Structural engineering
- Timber engineering
- Transport engineering

- Water resources engineering
- Architectural science and technology
- Building science, technologies and systems
- Transport planning
- Urban analysis and development
- Architectural engineering

Chemické inženýrství (Chemical engineering)- P106

- Reaction engineering and catalysis
- Bioprocess engineering
- Separation processes
- Fluid flow, heat and mass transfer
- Engineering thermodynamics and properties of matter
- Process systems engineering, modelling and control
- Particle technology and dispersed systems
- Processes in micro- and nanosystems
- Energy conversion and storage
- Water, food, and pharmaceutical process engineering
- Environmental technologies, waste processing and sustainability

Anorganická materiálová věda a inženýrství (Inorganic materials science and engineering)- P107

- Metals and alloy materials
- Ceramics
- Glass
- Ceramic, metal and inorganic polymer composites
- Magnetic materials
- Superconducting materials
- Inorganic salt materials
- Refractory materials
- Cements and concretes

Organické materiály a biomateriály: věda a inženýrství (Organic materials and biomaterials science and engineering)- P108

- Macromolecular materials
- Polymers and plastics
- Natural and synthetic fibers
- Polymer composites
- Biocomposites
- Biomaterials
- Biomimetic materials
- Organic adhesives and sealants
- Timber, pulp and paper

Pokročilá materiálová věda a inženýrství (Advanced materials science and engineering)- P109

- Nanomaterials
- Functional materials

- Energy materials
- Advanced coatings
- Semiconductors
- Molecular materials for electronics
- Emergent materiál

Vědy o neživé přírodě

Matematika a informatika (Mathematics and Computer Science)- P202

- Logic and foundations
- Algebra
- Number theory
- Algebraic and complex geometry
- Lie groups, Lie algebras
- Geometry and global analysis
- Topology
- Analysis
- Operator algebras and functional analysis
- Ordinary differential equations and dynamical systems (in the mathematical sense)
- Theoretical aspects of partial differential equations
- Mathematical physics
- Probability
- Mathematical statistics
- Generic statistical methodology and modelling
- Discrete mathematics and combinatorics
- Mathematical aspects of computer science
- Numerical analysis
- Mathematical aspects of scientific computing and data processing
- Optimisation and operational research, foundations of control theory
- Application of mathematics in sciences
- Application of mathematics in industry and society
- Operating systems
- Distributed systems, parallel computing
- Software engineering, programming languages and systems
- Theoretical computer science, formal methods, automata
- Security, privacy, cryptology, quantum cryptography
- Algorithms and complexity, distributed, parallel and network algorithms, algorithmic game theory
- Foundations of artificial intelligence, intelligent systems, natural language processing
- Computer graphics, multimedia
- Foundations of machine learning
- Foundations of scientific computing, simulation and modelling tools
- Foundations of bioinformatics, bio-inspired computing, and natural computing

Jaderná a částicová fyzika, astronomie a astrofyzika (Nuclear and Particle Physics, Astronomy and Astrophysics)- P203

- Theory of fundamental interactions
- Phenomenology of fundamental interactions
- Experimental particle physics with accelerators
- Experimental particle physics without accelerators
- Classical and quantum physics of gravitational interactions, alternative theories of gravity
- Nuclear, hadron and heavy ion physics
- Nuclear and particle astrophysics
- Electromagnetism
- Atomic, molecular physics
- Ultra-cold atoms and molecules
- Quantum information
- Thermodynamics
- Non-linear physics
- Metrology and measurement
- Equilibrium and non-equilibrium statistical mechanics: steady states and dynamics
- Solar physics – the Sun, solar wind and heliosphere
- Solar and planetary systems, interplanetary matter
- Solar–terrestrial relations, Space weather
- Exoplanetary science, formation and characterization of extrasolar planets
- Astrochemistry and astrobiology
- Interstellar medium and star formation
- Stars – stellar physics, stellar systems
- Our galaxy
- Galaxies – formation, evolution, clusters
- Cosmology and large-scale structure, dark matter, dark energy
- Relativistic astrophysics and compact objects
- Gravitational wave astronomy
- High-energy and particle astronomy
- Astronomical instrumentation and data, e.g. telescopes, detectors, techniques, archives, analyses

Fyzika kondenzovaných látek a materiálů, fyzika plazmatu a nízkých teplot (Condensed Matter and Material Physics, Plasma Physics and Low Temperature Physics)- P204

- Gas and plasma physics
- Mechanical and acoustical properties of condensed matter, lattice dynamics
- Transport properties of condensed matter
- Electronic properties of materials, surfaces, interfaces, nanostructures
- Physical properties of semiconductors and insulators
- Macroscopic quantum phenomena, e.g. superconductivity, superfluidity, quantum Hall effect
- Spintronics
- Magnetism and strongly correlated systems
- Condensed matter – beam interactions (photons, electrons, etc.)
- Nanophysics, e.g. nanoelectronics, nanophotonics, nanomagnetism, nanoelectromechanics
- Mesoscopic quantum physics and solid-state quantum technologies

- Fluid dynamics (physics)
- Surface science and nanostructures
- Thin films
- New materials: oxides, alloys, composite, organic-inorganic hybrid, nanoparticles
- Cold atomic and molecular condensates
- Interaction of high-power laser light with matter
- Plasma assisted surface modification

Biofyzika, makromolekulární fyzika a optika (Biophysics, Macromolecular Physics and Optics)- P205

- Biophysics
- Physics of biological systems
- Computer simulations of biomolecules
- Physics of macromolecules
- Optics, non-linear optics and nano-optics
- Quantum optics
- Lasers, ultra-short lasers and laser physics

Analytická a fyzikální chemie (Analytical and Physical Chemistry)- P206

- Analytical chemistry, chemical theory
- Spectroscopic and spectrometric analytical techniques, and optical methods of analysis
- Analytical chemistry: molecular architecture and structure
- Analytical separation techniques
- Analytical chemistry: instrumentation
- Electrochemistry, electrodialysis, microfluidics, sensors
- Method development in analytical chemistry
- Analysis of chemical structure of materials
- Applications of machine learning and statistical analysis in analytical chemistry
- Molecular electronics
- Physical chemistry of soft matter (gels, colloids, liquid crystals), granular matter, liquids, glasses, defects
- Statistical physics: phase transitions, condensed matter systems, models of complex systems, interdisciplinary applications
- Physical chemistry
- Theoretical methods and approaches in spectroscopy
- Physical chemistry of interfaces
- Chemical physics
- Method development in physical chemistry
- Heterogeneous catalysis
- Methodology of computer simulations of biomolecules, physical chemistry of biomolecules, biomacromolecular chemistry
- Chemical kinetics
- Theoretical and computational chemistry
- Radiation and Nuclear chemistry
- Photochemistry
- Characterisation methods of materials
- Structural properties of materials in terms of physical chemistry

- Solid state materials chemistry
- Surface modifications by self-assembly and other cold processes
- Ionic liquids
- Intelligent materials synthesis – self assembled materials
- Colloid chemistry
- Physical chemistry of macromolecules

Chemické a biochemické přeměny (Chemical and Biochemical Transformations)- P207

- Chemical reactions – mechanisms and catalytic reactions
- Photochemistry – chemical transformations
- Coordination chemistry
- Biological chemistry and chemical biology – chemical transformations
- Homogeneous catalysis
- Macromolecular chemistry – synthesis and reactivity
- Polymer chemistry – chemical transformations
- Supramolecular chemistry – chemical transformations
- Organic chemistry
- Inorganic chemistry
- Organometallic chemistry
- Medicinal chemistry

Vědy o atmosféře, hydrologie, fyzická geografie a geofyzika (Atmospheric Sciences, Hydrology, Physical Geography and Geophysics)- P209

- Atmospheric chemistry, atmospheric composition, air pollution
- Meteorology, atmospheric physics and dynamics
- Climatology, palaeoclimatology and climate change
- Tectonophysics, physics of earth's interior, seismology, core and mantle dynamics
- Physical geography, geomorphology, oceanography
- Earth observations from space/remote sensing
- Geomagnetism
- Ozone, upper atmosphere, ionosphere
- Hydrology, contaminant hydrology, soil hydrology, soil physics
- Cryosphere, dynamics of snow and ice cover, sea ice, permafrosts and ice sheets
- Planetary geophysics

Geochemie, geologie a mineralogie, hydrogeologie (Geochemistry, geology and mineralogy, hydrogeology)- P210

- Biogeochemistry, biogeochemical cycles, environmental chemistry
- Mineralogy, petrology, igneous petrology, metamorphic petrology
- Geochemistry, cosmochemistry, crystal chemistry, isotope geochemistry, thermodynamics
- Geology, geotectonics, volcanology
- Palaeoclimatology, palaeoecology
- Lithosphere dynamics
- Geological oceanography
- Sedimentology, paleontology, stratigraphy, pedology, paleopedology, soil chemistry
- Palaeomagnetism
- Hydrogeology, environmental geology, soil contamination

- Planetary geology

Lékařské a biologické vědy

Biochemie, molekulární a strukturní biologie, genetika, genomika a bioinformatika (Biochemistry, Molecular and Structural Biology, Genetics, Genomics and Bioinformatics)- P301

Biochemistry and cell biology:

- Analytical biochemistry
- Enzymes
- Glycobiology
- Proteomics and intermolecular interactions
- Structural biology (incl. Macromolecular modelling)
- Synthetic biology
- Biochemistry and cell biology not elsewhere classified (lipid biology, protein biology, DNA and RNA biology)

Medical biochemistry and metabolomics:

- Medical biochemistry – amino acids and metabolites
- Medical biochemistry – carbohydrates
- Medical biochemistry – inorganic elements and compounds
- Medical biochemistry – lipids
- Medical biochemistry – nucleic acids
- Medical biochemistry – proteins and peptides (incl. medical proteomics)
- Metabolic medicine

Genetics:

- Anthropological genetics
- Cell and nuclear division
- Developmental genetics (incl. sex determination)
- Epigenetics (incl. genome methylation and epigenomics)
- Gene expression (incl. microarray and other genome-wide approaches)
- Gene mapping
- Genome structure and regulation
- Genomics

Clinical sciences:

- Medical genetics (excl. cancer genetics and neurogenetics)

Medical biotechnology:

- Gene and molecular therapy
- Medical molecular engineering of nucleic acids and proteins

Bioinformatics and computational biology:

- Bioinformatic methods development
- Biological network analysis
- Computational ecology and phylogenetics
- Genomics and transcriptomics
- Proteomics and metabolomics
- Sequence analysis
- Statistical and quantitative genetic
- Translational and applied bioinformatics

Mikrobiologie, parazitologie, imunologie a biotechnologie (Microbiology, Parasitology, Immunology and Biotechnology)- P302

Microbiology:

- Bacteriology
- Infectious agents
- Microbial genetics
- Virology

Medical microbiology:

- Medical bacteriology
- Medical infection agents (incl. prions)
- Medical mycology
- Medical parasitology
- Medical virology

Evolutionary biology:

- Host-parasite interactions
- Microbial taxonomy

Clinical sciences:

- Clinical microbiology
- Infectious diseases

Immunology:

- Allergy
- Applied immunology (incl. antibody engineering, xenotransplantation and t-cell therapies)
- Autoimmunity
- Cellular immunology
- Humoural immunology and immunochemistry
- Immunogenetics (incl. genetic immunology)
- Innate immunity
- Transplantation immunology
- Tumour immunology

Industrial biotechnology:

- Biocatalysis and enzyme technology
- Bioprocessing, bioproduction and bioproducts
- Fermentation
- Industrial microbiology (incl. biofeedstocks)
- Industrial molecular engineering of nucleic acids and proteins

Buněčná, vývojová a evoluční biologie, regenerace a reprodukce (Cell, Developmental and Evolutionary Biology, Regeneration and Reproduction)- P303

Biochemistry and cell biology:

- Cell development, proliferation and death
- Cell metabolism
- Cellular interactions (incl. adhesion, matrix, cell wall)
- Protein trafficking
- Receptors and membrane biology
- Signal transduction
- Systems biology

Medical physiology:

- Cell physiology

Evolutionary biology:

- Biological adaptation
- Evolution of developmental systems
- Life histories
- Phylogeny and comparative analysis
- Speciation and extinction
- Evolutionary biology not elsewhere classified

Genetics:

- Molecular evolution

Medical biotechnology:

- Regenerative medicine (incl. stem cells)

Reproductive medicine:

- Foetal development and medicine
- Reproduction

Nádorová biologie, experimentální onkologie (Tumor Biology, Experimental Oncology) - P304

Oncology and carcinogenesis:

- Cancer cell biology
- Cancer diagnosis
- Cancer genetics
- Cancer therapy (excl. chemotherapy and radiation therapy)
- Chemotherapy
- Haematological tumours
- Liquid biopsies
- Molecular targets
- Predictive and prognostic markers
- Radiation therapy
- Solid tumours
- Oncology and carcinogenesis not elsewhere classified

Neurovědy (Neurosciences) - P305

Neurosciences:

- Autonomic nervous system
- Cellular nervous system (cellular and molecular neurobiology)
- Central nervous system
- Computational neuroscience
- Neurology and neuromuscular diseases
- Peripheral nervous system
- Sensory systems
- Neurosciences not otherwise specified (incl. neurobiology, neurophysiology, neuropharmacology, cognitive and behavioral neurosciences)

Biochemistry and cell biology:

- Cell neurochemistry

Genetics:

- Neurogenetics

Clinical sciences:

- Pain
- Psychiatry

Ophthalmology and optometry:

- Ophthalmology
- Vision science

Lékařské vědy - fyziologie a biofyzika, patologie a patofyziologie, diagnostika a terapie, farmakologie a toxikologie (Medical Sciences - Physiology and Biophysics, Pathology and Pathophysiology, Diagnostics and Therapy, Pharmacology and Toxicology)- P306

Medical physiology:

- Human biophysics
- Systems physiology

Cardiovascular medicine and haematology:

- Cardiology (incl. cardiovascular diseases)
- Haematology
- Respiratory diseases

Clinical sciences:

- Anaesthesiology
- Clinical chemistry (incl. diagnostics)
- Clinimetrics
- Dermatology
- Diagnostic radiography
- Emergency medicine
- Endocrinology
- Gastroenterology and hepatology
- Nephrology and urology
- Nuclear medicine
- Orthopaedics
- Otorhinolaryngology (excl. hearing research)
- Pathology (excl. oral pathology)
- Radiology and organ imaging
- Rheumatology and arthritis
- Rural clinical health
- Sports medicine
- Surgery
- Venereology

Reproductive medicine:

- Obstetrics and gynaecology

Dentistry:

- Craniofacial biology
- Dental therapeutics, pharmacology and toxicology

Pharmacology and pharmaceutical sciences:

- Basic pharmacology
- Clinical pharmacology and therapeutics
- Pharmaceutical delivery technologies
- Pharmaceutical sciences
- Pharmacogenomics
- Toxicology (incl. clinical toxicology)

Medical biotechnology:

- Medical biotechnology diagnostics (incl. biosensors)
- Nanomedicine
- Nanotoxicology, health and safety

Společenské a humanitní vědy

Filosofie, teologie, religionistika (Philosophy, Theology, Religious Studies)- P401

- Metaphysics, ontology
- Epistemology
- Ethics
- History of philosophy
- Philosophy of science
- Philosophical anthropology
- Logics (as a philosophical discipline)
- Aesthetics (as a philosophical discipline)
- Contemporary philosophy
- Political and Social Philosophy
- Biblical Studies
- Fundamental, ecumenical and systematic (dogmatic) theology
- Patrology, history of dogma, church history (as a theological discipline)
- Practical and pastoral theology, liturgy
- General and comparative religious studies
- Studies in religious traditions

Ekonomické vědy, makroekonomie, mikroekonomie, ekonometrie mimo finanční ekonometrii, kvantitativní metody v ekonomii mimo operační výzkum (Economic Sciences, Macroeconomics, Microeconomics, Econometrics except Financial Econometrics, Quantitative Methods in Economics except Operational Research)- P402

- General economics
- Economic history
- History of economic thought
- Econometrics and mathematical economics
- Macroeconomics (incl. monetary and fiscal economics)
- Microeconomic theory
- Applied microeconomics
- Public economics
- International economics
- Labour economics
- Economic development, technological change and growth
- Environment and resource economics
- Urban and regional economics
- Law and economics
- Health economics
- Economics of education
- Behavioral economics

- Industrial organization

Podnikové a manažerské vědy, finance, finanční ekonometrie a operační výzkum (Business and Management Science, Finance, Financial Econometrics and Operational Research)- P403

- Business and commerce
- Strategy, management and organisational behaviour
- Human resources and industrial relations
- Marketing
- Tourism
- Transportation, logistics and supply chains
- Financial markets and institutions (incl. banking and insurance)
- Financial economics
- Financial econometrics
- Behavioral finance
- Corporate finance
- Accounting and auditing
- Public administration
- Operational research

Sociologie, demografie, sociální geografie, mediální studia a sociální práce (Sociology, Demography, Social Geography, Media Studies and Social Work)- P404

- Sociology
- Social inequalities
- Sociology of family and relationships
- Sociology on global-local relations
- Sociology of migration, ethnicity and multiculturalism
- Urban sociology
- Demography
- Demographic phenomena and processes, their measuring and modeling
- Population policy and geography
- Social geography
- Population geography
- Social work
- Gender studies
- Social anthropology
- Cultural anthropology
- Media studies
- Mass communication theory and research

Archeologie a starší dějiny do roku 1780 (Archeology and Pre-Modern History until 1780)- P405

- Classical archaeology
- Archaeology of prehistoric times and the Early Middle Ages
- Medieval and post-medieval archaeology
- Archaeology of the industrial period and archaeology of modernity (19th-20th cent.)
- Archaeometry
- Geoarchaeology

- Biological archaeology (archaeobotany, archaeozoology, physical anthropology, archaeogenetics)
- Egyptology
- History of the Ancient Near East
- History of antiquity
- Czech, European, Global and World history until 1780, History of Middle Ages and Early Modern Period
- Comparative history, colonial and postcolonial history
- Economic and social history
- Cultural history, historical anthropology
- Historiography, history of science, medicine and technology
- Women's history, gender history
- Auxiliary historical sciences and historic geography

Lingvistika a literární vědy (Linguistics and Literature)- P406

- General linguistics
- Phonetics and phonology
- Morphology and Syntax
- Semantics
- Stylistics and textual analysis
- Pragmatics and Discourse
- Lexicology and lexicography
- Dialectology
- Computational linguistics
- Corpus linguistics
- Historical linguistics
- Comparative and typological linguistics
- Language acquisition
- Sociolinguistics, Psycholinguistics, Neurolinguistics
- Literary theory
- Literary history
- Literary criticism
- Comparative literary studies
- Translation studies
- Textual criticism
- Book history

Psychologie, pedagogika, kinatropologie (Psychology, Pedagogy, Kinanthropology)- P407

- General and Experimental Psychology
- Personality Psychology
- Methodology in Psychological, Educational and Kinanthropological Research
- Developmental Psychology
- Psychology of Work and Organization
- Social Psychology, Cross-cultural psychology
- Clinical Psychology, Psychology of Health, Psychotherapy
- Educational and School Psychology
- Cognitive Psychology

- Neuropsychology
- Evolutionary Psychology and Human Ethology
- History of Education, Psychology and Kinanthropology
- General Pedagogy and Theory of Education
- Didactics and Curriculum Theory
- Special Education, Speech-language pathology
- Social Education and Comparative Education
- Education of Leisure Time and Lifelong Learning
- Developmental and Structural Kinanthropology
- Movement Diagnostics and Movement Behavior

Právní vědy a politologie (Juridical Science and Political Science)- P408

- Political systems, public policies, governance
- Civil society
- Comparative politics, political institutions, political sociology
- Political theory
- Political and cultural geography
- Political philosophy, political thought
- International relations, global and supranational governance, humanitarian cooperation and development
- Security studies
- Area studies
- Foreign Policy Analysis
- International law, EU law, law of other regional integration organizations
- Human rights and fundamental freedoms
- Constitutional law, theory of state, legal systems
- Legal institutions, legal professions
- Comparative law, comparative legal studies
- Public law and Private law
- Law of information and communication technologies, personal data protection
- Theory of law, theory of law creation, legal policies
- History of juridical science
- Legal sociology and psychology
- Criminology

Vědy o umění (Art Sciences)- P409

- Architectural history, theory and criticism
- Design history, theory and criticism
- Art history, theory and criticism
- Visual cultures
- Musicology and ethnomusicology
- Drama, theatre and performance studies
- Cinema studies, theory and criticism
- Digital and electronic media art
- Visual arts not elsewhere classified
- Digital humanities in relation to art
- Aesthetics in relation to art

Moderní dějiny (od roku 1780) a etnologie (Modern History (since 1780) and Ethnology)- P410

- Czech and Czechoslovak history, Central European history
- Ethnology
- Historiography
- History of ideas and intellectual history
- History of everyday life
- History of memory and memory studies
- European history
- Global and transnational history
- Historical anthropology and ethnology
- Historical demography
- Historical sociology
- Social and economic history
- Comparative history, colonial and postcolonial history
- Historical anthropology
- Cultural history
- History of science
- World Modern and contemporary history

Zemědělské a biologicko-environmentální vědy

Fyziologie a genetik a rostlin, rostlinolékařství (Plant Physiology and Genetics, Plant Medicine)- P501

- Agronomy
- Crop and pasture biochemistry and physiology
- Crop and pasture biomass and bioproducts
- Crop and pasture improvement (incl. selection and breeding)
- Crop and pasture nutrition
- Crop and pasture post harvest technologies (incl. transportation and storage)
- Crop and pasture protection (incl. pests, diseases and weeds)
- Crop and pasture waste water use
- Tree improvement (incl. selection and breeding)
- Tree nutrition and physiology
- Field organic and low chemical input horticulture
- Horticultural crop growth and development
- Horticultural crop improvement (incl. selection and breeding)
- Horticultural crop protection (incl. pests, diseases and weeds)
- Oenology and viticulture
- Plant pathology
- Plant physiology

Fyziologie a genetik a živočichů, veterinární lékařství (Animal Physiology and Genetics, Veterinary Medicine)- P502

- Animal growth and development
- Animal management

- Animal nutrition
- Animal protection (incl. pests and pathogens)
- Animal reproduction and breeding
- Animal welfare
- Environmental studies in animal production
- Fish pests and diseases
- Veterinary anaesthesiology and intensive care
- Veterinary anatomy and physiology
- Veterinary bacteriology
- Veterinary diagnosis and diagnostics
- Veterinary epidemiology
- Veterinary immunology
- Veterinary medicine (excl. urology)
- Veterinary mycology
- Veterinary parasitology
- Veterinary pathology
- Veterinary pharmacology
- Veterinary surgery
- Veterinary urology
- Veterinary virology
- Host-parasite interactions
- Animal diet and nutrition
- Animal immunology
- Animal neurobiology
- Animal physiological ecology
- Animal physiology – biophysics
- Animal physiology – cell
- Animal physiology – systems

Potravinářství, ekotoxikologie a environmentální chemie (Food science, Ecotoxicology and Environmental Chemistry)- P503

- Beverage chemistry and beverage sensory science
- Food chemistry and food sensory science
- Food nutritional balance
- Food safety, traceability, certification and authenticity
- Food sustainability
- Bioavailability and ecotoxicology
- Environmental assessment and monitoring
- Environmental biogeochemistry
- Pollution and contamination not elsewhere classified

Péče o krajinu, lesnictví a půdní biologie, ekologie ekosystémů (Landscape Management, Forestry and Soil Biology, Ecosystem Ecology)- P504

- Agroforestry
- Forest biodiversity
- Forest ecosystems
- Forest health and pathology

- Forestry biomass and bioproducts
- Forestry fire management
- Forestry management and environment
- Freshwater ecology
- Marine and estuarine ecology (incl. marine ichthyology)
- Palaeoecology
- Population ecology
- Terrestrial ecology
- Microbial ecology
- Global change biology
- Carbon sequestration science
- Ecological impacts of climate change and ecological adaptation
- Human impacts of climate change and human adaptation
- Climate change impacts and adaptation not elsewhere classified
- Biosecurity science and invasive species ecology
- Ecosystem function
- Ecosystem services (incl. pollination)
- Fire ecology
- Landscape ecology
- Ecological applications not elsewhere classified
- Land capability and soil productivity
- Pedology and pedometrics
- Soil biology
- Soil chemistry and soil carbon sequestration (excl. carbon sequestration science)
- Soil physics
- Soil sciences not elsewhere classified

Ekologie živočichů a rostlin (Animal and Plant Ecology)- P505

- Behavioural ecology
- Community ecology (excl. invasive species ecology)
- Ecological physiology
- Evolutionary ecology
- Life histories
- Conservation and biodiversity

Botanika a zoologie (Botany and Zoology)- P506

- Fish physiology and genetics
- Animal systematics and taxonomy
- Biogeography and phylogeography
- Evolutionary impacts of climate change
- Phylogeny and comparative analysis
- Plant and fungus systematics and taxonomy
- Speciation and extinction
- Evolutionary biology not elsewhere classified
- Molecular evolution
- Mycology
- Phycology (incl. marine grasses)

- Plant biochemistry
- Plant cell and molecular biology
- Plant developmental and reproductive biology
- Plant biology not elsewhere classified
- Animal behaviour
- Animal cell and molecular biology
- Animal developmental and reproductive biology
- Animal structure and function
- Comparative physiology
- Invertebrate biology
- Vertebrate biology
- Zoology not elsewhere classified