

Questionnaire

1. Full name – please, indicate your full name
2. Date of birth — day-month-year
3. Country, city of residence — you may indicate the country and city of permanent residency
4. Contact information — Telephone and E-mail
5. Science degree – please, indicate in international format from the list below:

<p>Bachelor of Science Master of Science, abbrev. M.S. (in exact sciences and natural sciences); Master of the Science of Law MSc in Psychological Science Master of Economics Master of Philology Master of Education (MEd) Masters Art History and Criticism Master Philosophy of Science (MSc) Master in History of Science Master of Culturology or Master of Cultural Studies Master of Technology Degree Master of Medicine (MMed) Master of Social Sciences Master of Political Science Master of Economics Master in Economics and Management Master in Merchandising Master of Business Administration Master of Management Science Master of Science in Logistics Master in Management and Law Master of Geographic Sciences Master of Biological science Master of Science in Mathematics and Physics Master of Chemistry Master of Agricultural Business and Economics Master in Geology and Mineralogy Masters in Pharmaceutical Sciences</p>	<p>Master in Hospitality Management Master of Science in Architecture Master of International Tourism and Hotel Management Master of Innovation Management Master of Military Arts and Science Candidate of Physical and Mathematical Sciences Doctor of Science Ph.D. in Pedagogy Ph.D. in Medicine Ph.D. in Geography Ph.D., in Biology Candidate of geological and mineralogical sciences Candidate of chemical sciences – PhD in Chemical sciences; Ph.D. in Veterinary Candidate of Pharmaceutical Sciences</p> <p>Master of Agriculture Candidate of historical sciences Candidate of Psychological Sciences Candidate of Sociological Sciences Ph.D. in Law Ph.D. in Military sciences; Master of Agriculture Ph.D. in Architecture; Ph.D. in Philosophical sciences; Ph.D. in Political sciences; Ph.D. in Philological sciences; Ph.D. in Art criticism; Ph.D. in Culturology; Ph.D. in Economic Sciences; Grand Ph.D. in (Economic) sciences; Academician</p>
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6. Academic Rank/Educational Status– please, indicate in an international format from the list:

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Associate Professor (Assoc. Prof.); Professor (Prof.); Senior lecturer; Assistant lecturer; Trainee; Junior researcher; Senior researcher; Leading researcher;	Master's Degree student; PhD student; PhD applicant; Head of (the) Laboratory (of ...); Head of (the) Department (of ...); Master's degree courses; PhD courses; Grand PhD courses
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7. Combined number of awards (grants, competitive tenders etc.) – please, indicate whole number of awards
8. Full name of the organization – placy of work\university
9. Rank - please, select from the list:

- | |
|---|
| <ul style="list-style-type: none"> - Director/ Deputy (Vice-chancellor/pro-chancellor /Director General/Associate director, and etc) - Manager of Department (Head of Department, Department Chairman) - Senior Specialist (leading scientists, assistant professor) - Specialist (teacher, engineer) - Student (student) - Non-employed (retiree) |
|---|

10. Academic interest – please, indicate code from the list, which is shown below at the end of the manual.
11. The most important contributions of project supervisor, with links (not more than 5) —indicate the list from works, which according to the author describe his\her academic interest in the most exact manner.
12. Information about an organization, where the scientific project is carried out— Name, address, area of competence.
Experience of participation in special-ordered scientific studies, grants, tenders, purpose-oriented programs — please, indicate if you have such experience.
13. Number of intellectual property assets, created by the scientist- total number of patents, inventions, certificates etc.
14. Number of intellectual property assets, created by the scientist and developed commercially— the total number of objects applied in production
15. Taking into consideration these works-the number of implemented works in other countries — similar to previous one
16. Participation in the activities of Russian and international scientific and scientific-educational organizations - participation in the activities of scientific and scientific-educational organizations in addition to the main place of work (universities, foundations, etc.)
17. Live participation in Russian and international conferences – live contributions, distance – in a form of publications.
18. Number of science education contributions - the total number of published articles, monographs, etc.
19. Number of articles prepared jointly with foreign authors and/or organizations.

20. Work supervision of postgraduate students and candidates for a doctor's degree - please, indicate the functional title: the supervisor/consultant during the preparation of Ph.D. / doctoral thesis.
21. The total number of completed projects – please, indicate the number of participations during tender implementations, orders, contracts research and development; experimental development and etc.
22. The number of projects implemented (or ongoing) in conjunction with other organizations – please, count the number of participations during the implementation of tenders, orders, contracts that involved partners for the implementation of the project.
23. Hirsch index – you may find it here: <https://elibrary.ru/>
24. The citation index- the total number of reference links to publications in scientific publications, you may find it here://elibrary.ru/
25. The highest Impact factor of the magazine –please, indicate the impact factor of the top-rated magazine, you look at here: <https://elibrary.ru/>

Project resume

1. Project name — the full project name in Russian and English languages.
2. Project type — please, select from the list: Fundamental (if it is difficult to estimate the project possibilities now, but under certain circumstances, it could be in demand in the future), Scientific -applied (if project possibilities could be evaluated now). Business-project (specific problem is solving now)
3. Research area – please, choose from the list: mathematics and natural sciences; technical; social and humanitarian; cross-disciplinary (specialists from several areas take part in the project).
4. Academic discipline – please, indicate codes from the list which in the end of the manual.
5. Brief annotation of the project - describe shortly resolving problem and the proposed methods for its solution.
6. Has the project been presented earlier/ in scientific / grant competitions – please, indicate the total number.
7. Total number of число nonfinancial honors of the project (diplomas and etc.). If the previous question's answer was "yes", then, please, indicate how many times did the project present and take part in scientific\grant competitions –the total number.
8. Total number of financial honors of the project (grants, competition payments)
9. Duration of the project implementation — please, specify the expected duration, which is enough for the completion of declared works on the project and demonstrate its results.
10. Description of scientific challenge — please, describe the problem, which should be resolved by the project.
11. Task description — list of tasks, which will be handled under the project
12. Target segments — please, choose from the list: B2B (business for business), B2C (business- to - customer, B2G (business-to-government), G2B (government-to-business) for example, information-bearing websites.
13. Нововелty of supposed methods – please, choose from the list: standard; substandard; unique.

14. Uniqueness and singularity of expected scientific outcome – please, choose from the list: standard; substandard; unique.
15. Field of result practice – *could be several, please, choose from the list:* Energetics, Materials, Consumer goods, Public health, Finance, IT, Telecommunication services, Housing services.
16. Project implementation phase – please, choose from the list: exploratory study; research and development; experimental development; implementation stage; merchandising.
17. Specialists of different categories take part in the project.
18. Status of resolving problem – please, select from the list: widely investigated field; less investigated; by-way;
19. Scientific works of the project – could be several, please, choose from the list: no; publications, thesis work; patents, grants; prototype;
20. The level of publications of the project manager and the team for the last three years in the journals included in one of the citation systems (bibliographic databases) - indicate the highest level from the list: Web of Science, Scopus, Web of Knowledge, Astrophysics, PubMed, Mathematics, Chemical Abstracts, Springer, Agris, GeoRef, RSCI (Russian Science Citation Index); No.
21. Publication plan under the project – indicate the highest level from the list: Web of Science, Scopus, Web of Knowledge, Astrophysics, PubMed, Mathematics, Chemical Abstracts, Springer, Agris, GeoRef, RSCI (Russian Science Citation Index); No.
22. Project realization plans - please, choose from the list: business\technologies for sale, personal development, have no plans.
23. In a case of personal development indicate expected payback time — indicate number of months needed for the return on investment in the project.
24. Possibility of patenting of results — yes, if there the patent research has been conducted and an following these results an opportunity has revealed.
25. Presence of intellectual assets related to the project — presence of intellectual assets in the team: patents, inventions, certificates and etc., applied in the project.
26. Presence of a grant — presence of a functioning funding from any fund.
27. Corresponds to the strategy of Research and Technological Development organization — project stream corresponds to the main focus of the organization\ (university).
28. Demand for services of a third-party companies for the project realization — if there necessity for an application of technologies of another company for the successful implementation of a project (partnership, purchase of rights and etc.)
29. Plans for an application of won funding- please, choose from the list: product\service development, product\service implementation, expansion of production, purchase of intellectual property right.
30. Role of an applicant in the project - please, choose the role from the list, which is implemented in the project by a man, who registers the project on the website: scientific supervisor, manager, businessman, inventor, investigator.
31. Presence of analogs — please, choose from the list: there are similar in every way analogs; closest analogs; there are no any analogs.
32. Current level of technical and economic substantiation – please, choose from the list: full business plan, investment application for an implementation, investment application for the development, increasing investments, grant application, description of an idea.

33. Assessment of profitability- please, choose from the list: it is impossible to calculate at current stage, in the current climate is unprofitable, profitable.
34. Project budget — please, choose from the list: up to \$100 000, 100 - \$500 000, \$500 000.\$ - \$1mln., \$1 - \$10 mln, more than \$10 mln.
35. Competitive gain — please, choose from the list: nilow; medium; high.
36. Strategy for the product development
37. Project size — please, choose from the list: regional (one country or a region, for example: Russia, Europe, North America and etc.) or international.
38. Required staff
39. Required conditions (production capacities and etc.)
40. Compliance with methods of quality control and certification— please, choose from the list: it is impossible to evaluate at current stage, the researches consider it, yes.
41. Ability to combine with another project for the soonest implementation.
42. Compliance with priority areas of scientific, technological and technic development — please, choose from the list: technologies of new materials, microelectronic technologies, optoelectronic technologies, laser technologies, radio electronic technologies, computer technologies, information technologies, nuclear technologies, technologies of industrial equipment, technologies of power units, energy and energy-saving technologies, technology of special chemistry and energy-saturated materials, Biotechnology, unique experimental base, technologies for environmentally friendly living environment.
43. Project risk — please, choose from the list: political, natural\ecological, legal, economic, manufacturing, financial, market.
44. Cooperation with business-incubator.
45. Carried out by order or to the benefit of a certain government \organization
46. There is an agreement on investments, implementation of project results, promotion of the product, purchase of the product, etc. –please, choose from the list: yes, no at this time, the project did not present earlier.
47. Project sustainability (not more than 350 words) in English
48. How will the project achieve organizational sustainability? Please, describe the continuation of an activity in this direction after the end of funding in the short, mid and long-term prospect.

01 Mathematics, Informatics and Systems science

01-100 Mathematics

01-101 Mathematical logic and foundations of mathematics

01-102 Algebra

01-103 Theory of numbers

01-104 Geometry

01-105 Topology

01-106 Algebraic Geometry

01-107 Lie group and theory of representations

01-108 Multivariate analysis

01-109 Real analysis and functional analytic approach

01-110 Theory of Probability and Mathematical Statistics

01-111 Singular integral

01-112 Ordinary differential expression and the theory of dynamical systems

01-113 Mathematical physics
01-114 Discrete mathematics and mathematical cybernetic

01-200 INFORMATICS

01-201 Artificial integrity and decisions
01-202 Database mining and automatical recognition
01-203 Theory of optimization and operation research
01-204 Mathematical problem of management theory
01-205 Symbolic-form model “in vivo” studies
01-206 Numerical mathematics
01-207 Simulation programs and systems
01-208 Neuroinformatics
01-209 Gaming theory
01-210 Problem-oriented algorithms
01-211 Mathematical simulation of social and economic processes
01-212 Quantum method of data processing
01-213 Catching and imaging analysis
01-214 Parallel algorithms
01-215 Analysis and modeling of computer processes
01-216 Symbolic-form models and data protection, transforming and conveyance of information methods
01-217 Mathematical simulation of physical media
01-218 Mathematical simulation of physical phenomena
01-219 Mathematical simulation in Earth Sciences and environmental worries
01-220 Mathematical simulation of technical systems

01-300 Mechanics

01-301 Elasticity theory, coupled models
01-302 Contact interaction
01-303 Plasticity, forcing of physical field and chemically active media
01-304 Rheology and viscosity
01-305 Destruction of deformable bodies, kinetics and dynamics
01-306 Mechanics of heterogeneous and functional materials
01-307 Dynamics of the perfect liquid
01-308 Dynamics of nonperfect fluid
01-309 Vorticity and η hydrodynamical stability
01-310 Gas dynamics
01-311 Flow mechanics of multiphase medium
01-312 Physical-chemical hydrodynamics
01-313 Biomechanics
01-314 Engineering Mechanics
01-315 Theory of vibrations and dynamical stability
01-316 Mathematical modeling technics, estimation and handling mechanical and biomechanical systems
01-317 Routine and chaotic dynamics of mechanical systems
01-318 Motion of body in spaceward, liquid medium and gaseous atmosphere
01-319 Mechanics of machines and robots

01-400 Network communication technology

01-401 System of digital data link and data network
01-402 Technology of application-oriented distributed development
01-403 Extra scalable software package and algorithms. Test and evaluation of safety.
01-404 Cloud-based computing.
01-405 Mathematical support for GRID-technologies and cloud-based computing. Protection technology for recourses distributed by information computation systems.
01-406 Mathematical support for the safety of calculative, information and communication technologies.
01-407 Methodology for standardization of information-computer and communication resources.
01-408 Legal and economic aspects for the creation and use of information resources.
01-409 Highly productive computer systems and distributing data processing.

- 01-410 Systems programming of highly productive computer systems.
- 01-411 Supercomputer simulation, software tools, applied software and services.
- 01-412 Visualisation and processing of extra big data store.
- 01-413 Software for computing systems and information and communications systems and networks.
- 01-414 Multiprogramming: models, language and technologies.
- 01-415 Tools for concurrent simulation.
- 01-416 Organization and topology of simulation and information and communications systems and networks.
- 01-417 Optimization of multiorganizational chierarcical systems and simultaneous multiproframming.
- 01-418 Safety, structural reliability, and persistence of simulation and information and communications systems and networks.
- 01-419 Control and diagnostics of simulation and information and communications systems and networks.
- 01-500 Information and communications systems and computing systems.**
- 01-501 Theoretical basis of E-technologies and и program complex
- 01-502 Theoretical basis of electronic social systems, networks, and services
- 01-503 Theoretical basis electronic educational systems, networks, and services
- 01-504 Theoretical basis electronic support of market of medical services
- 01-505 Systems of computer support of scientific examination
- 01-506 Computer-based scientific instrument making industry
- 01-507 Automatic and design automation system of modeling and accompanying support
- 01-508 System-oriented analysis
- 01-509 Knowledge acquisition from a databases and knowledge database странное предложение
- 01-510 Systems of semantic modeling
- 01-511 Visual simulation system and virtual environment
- 01-512 IT solution for an intelligent assistance of decision making
- 01-513 Technologies and systems based on knowledge
- 01-514 Technologies for acquisition, representing, processing and integration of knowledge
- 01-515 Technologies for knowledge management
- 01-516 General Purpose Simulation System based on knowledge and expert system
- 01-517 Design tools and support for General Purpose Simulation System based on knowledge and expert
- 01-518 Systems of a text search, processing, and analysis of natural language
- 01-519 Intelligent dynamical systems and control technologies
- 01-520 Intelligent technologies for machine-to-machine and mechatronics systems
- 01-521 Intelligent internet-based technologies
- 01-600 Control theory**
- 01-601 Control theory
- 01-700 Algorithmic and programming support**
- 01-701 Task-level system
- 01-702 Systems and technologies for creation and support of task-level systems
- 01-703 Fundamental problems of filling e-libraries and collections
- 01-704 Means for creation and support of e-libraries and electronic publications.
- 01-705 Service-oriented systems
- 01-706 Portable systems and sensor network
- 01-707 Fundamental problems of organization of electronic workflow
- 01-708 Geographic information systems
- 01-709 Multimedia information systems
- 01-710 Problem-oriented data bases
- 01-711 Systems of semantic simulation
- 01-712 Strategy for creation of electronic social systems, networks, and rendering of a service
- 01-713 Legal and methodological questions related to the Internet use
- 01-714 Embedded intelligent systems
- 01-715 Text search systems
- 01-716 Systems and technologies of mathematical modeling for natural sciences
- 01-717 Algorithmic and programming support for electrical energy industry
- 01-718 Algorithmic and programming support for the nuclear industry
- 01-719 Algorithmic and programming support for space

- 01-720 Algorithmic and programming support for healthcare and biology
- 01-721 Systems and technologies for the mathematical modeling of social and economic processes
- 01-722 Algorithmic and programming support for business applications of social and economic processes
- 01-723 Purpose-built simulation programs and systems
- 01-723 Information and communication as well as computing technologies for optics, photonics and laser technologies
- 01-724 Information and communication as well as computing technologies for an online image recognition
- 01-725 Systems and technologies for database mining and automatic recognition
- 01-726 Specialized systems for image processing and analysis and signals

02 Physics and space science

02-100 Nuclear Physics

- 02-101 Elementary particle physics
- 02-102 Nuclear physics
- 02-103 Accelerator physics
- 02-104 Ultrarays

02-200 Condensed matter physics

- 02-201 Theory of condensed state
- 02-202 Semiconductors
- 02-203 Surface and thin films
- 02-204 Nano and microstructures
- 02-205 Ferroelectric, dielectric and mesomorphic body
- 02-206 High-pressure
- 02-207 Magnetism
- 02-208 Metal alloys. Disordered structures
- 02-209 Low temperatures and superconductivity
- 02-210 Interaction of X-ray synchrotron radiation and neutrons with condensed substance.
- 02-211 Formation and structure of crystals.

02-300 Optics and quantum electronics

- 02-301 Physical optics
- 02-302 Coherent and nonlinear optics
- 02-303 Laser physics
- 02-304 Spectroscopy

02-400 Radio physics, electronics, acoustics

- 02-401 Vacuum and plasma-based electronics. Microwave electronics.
- 02-402 Nonlinear oscillations and waves
- 02-403 Radio physics, steady-state radio physics.
- 02-404 Physical Acoustics.

02-500 Plasma physics

- 02-501 Physics of high-temperature plasma and CNF (Controlled Nuclear Fusion)
- 02-502 Physics of low-temperature plasma
- 02-503 Ionospheric and space plasma

02-600 Theoretical physics

- 02-601 Field theory and gravitation theory
- 02-602 Quantized field theory and quantum mechanics
- 02-603 Points of concerns of statistical physics
- 02-700 Astronomy**
- 02-701 Dynamical astronomy
- 02-702 Astrometry
- 02-703 Sun and the solar system
- 02-704 Physics and an evolution stars and of interstellar matter
- 02-705 Galaxy and metagalaxy
- 02-706 Cosmology and microphysics

02-105 Chemistry and Materials science

02-106 Organic chemistry

- 02-107 Synthesis, configuration, and reactivity of organosilicon compounds
- 02-108 Synthesis, configuration, and reactivity of Metallo- organo-element compounds
- 03-200 Synthesis, configuration, and reactivity of natural and physiologically active substances, medicinal chemistry and conceptual foresight of different kinds of bioactivity.

03-201 Inorganic chemistry

- 03-202 Synthesis, anatomy, and reactivity of inorganic
- 03-203 Chemistry of solids, mechanochemistry
- 03-204 Chemistry of coordination compounds
- 03-205 Radiochemistry
- 03-206 Analytical chemistry
- 03-207 Bioinorganic chemistry

03-300 High-molecular compositions

- 03-301 Synthesis and chemical transformations of large molecules
- 03-302 Structure and chemical properties of high polymeric substance, multicomponent polymeric systems
- 03-303 Theory of computer modeling of polymeric systems

03-304 Physical chemistry

- 03-400 Non equilibrium processes, inflaming, firing, detonation, implosion
- 03-401 Electrochemistry and metallic corrosion
- 03-402 Homogenous catalysis and heterogeneous catalysis
- 03-403 Solution-melt, structure, chemical properties
- 03-404 Nanostructures and cluster compounds. Supramolecular chemistry. Colloidal systems.
- 03-405 Thermochemistry. Physical chemistry of surfaces and interface boundaries. Adsorption.
- 03-406 Underlying problems of chemical engineering.

03-500 Dynamics and structure of atomic-molecular systems

- 03-501 Quantum chemistry, mathematical methods in chemistry
- 03-502 Crystal chemistry
- 03-503 Chemical dynamics, reactivity, and chemical kinetics.
- 03-504 Electron-excited systems, photochemistry, radiation chemistry, spin chemistry
- 03-505 Architecture of molecule, molecular-level spectroscopy

03-600 Underlying problems of formation of new substances

- 03-601 Chemistry of new inorganic, dynamic and nanometer-scale materials.
- 03-602 Chemistry of new organic hybrid functional materials. Mainstay of creation of new metallic ceramic composition materials.
- 03-603 Multiscale computer modeling of structures and material properties.
- 03-604 Multiscale computer modeling of structures and properties.

03-700 Multiscale computer modeling of structure and properties of complex chemical systems and materials.

- 03-701 Structure and properties of organic and hybrid functional materials.
- 03-702 Modeling of adsorption and catalytic transformation.
- 03-703 Nanostructures modeling their formation and self-assembly

- 03-704 Modeling of biological and biomimetic materials
- 03-705 Chemical informatics
- 03-706 High-performance computations in chemical modeling

03 Biology and life sciences

03-100 **General biology**

- 03-101 Zoology
- 03-102 Botanic
- 03-103 Hydrobiology and ichthyology
- 03-104 General genetics
- 03-105 Evolutionary biology
- 03-106 Developmental biology
- 03-107 Ecology of Biosystems
- 03-108 Soil sciences
- 03-109 Parasitology
- 03-110 General and molecular microbiology, virology

04-200 **PHYSICO_CHEMICAL BIOLOGY**

- 04-201 Structural, functional and evolutionary genomics
- 04-202 Proteomics: structure and function of squirrels
- 04-203 General biological chemistry
- 04-204 Biophysics
- 04-205 Cellular biology, cytology, histology
- 04-206 Physiology and phytochemistry
- 04-207 System biology: bio-informatics
- 04-208 Molecular biology
- 04-209 Biological technology, including biological nanotechnology
- 04-210 Molecular genetics
- 04-211 Radiation biology
- 04-300 **Ecology**
- 04-301 Environmental protection
- 04-302 Chemical ecology

03-111 Fundamental studies for medicine

03-112 **Fundamental medicine**

- 03-113 Experimental medicine
- 03-114 Pathoanatomy, physiopathology
- 03-115 Anatomy and morphology
- 03-116 Physiology
- 03-117 Medical Biochemistry
- 03-118 Neuroscience
- 03-119 Toxicology
- 03-120 Immunology
- 03-121 Clinical laboratory medicine and nontechnology in medicine
- 03-122 Medical jurisprudence

05-200 **Clinical medicine**

- 05-201 Geriatrics and Gerontology
- 05-202 Heart-vascular system
- 05-203 Dermatology
- 05-204 Integrative and complementary medicine
- 05-205 Urology and Nephrology
- 05-206 Disaster medicine
- 05-207 Endocrinology and metabolism
- 05-208 Oncology

05-209 Allergology
05-210 Otorhinolaryngology
05-211 Anesthesiology
05-212 Pediatrics and neonatology
05-213 Peripheral vascular diseases
05-214 Emergency medicine
05-215 Hematology
05-216 Dentistry and dental surgery
05-217 Diseases of the respiratory system
05-218 Transplantology
05-219 Clinical neurology
05-220 Surgery
05-221 Obstetrics and Gynecology
05-222 Orthopedics
05-223 Andrology
05-224 Ophthalmology
05-225 Audiology and speech pathology
05-226 Psychiatry
05-227 Gastroenterology and Hepatology
05-228 Rheumatology
05-229 Clinical psychology
05-230 Clinical medical immunology
05-231 Contagious diseases
05-232 Narcology
05-300 the sciences dealing with health
05-301 Nutrition and dietary science
05-302 Nursing care
05-303 Tropical medicine
05-304 Health information technologies
05-305 Medical deontology
05-306 Public health care, environmental hygiene, occupational hygiene
05-307 Primary healthcare and public health organization
05-308 Mental science, death psychology
05-309 Restorative medicine, therapeutic exercise, spa medicine
05-310 Personalized medicine
05-311 Epidemiology
05-312 Occupational medicine
05-313 Sociomedical expertise, medical and social aftercare
05-314 Aeromedicine, naval medicine and astromedicine
05-400 Health-related biotechnologies
05-401 Molecular and cellular medicine
05-402 Medical genetics
05-403 Medical microbiology and virology
05-404 Human ecology
05-405 Regenerative medicine
05-500 PHARMACOLOGY AND PHARMACEUTICS
05-501 Pharmacchemistry, pharmacology, including clinical pharmacology
05-502 Pharmacokinetics
05-503 Pharmacodynamics
05-504 Pharmacogenomics, pharmacogenetics
05-505 Production method of pharmaceutical drugs and drug dosage form
05-506 Pharmacognosy
05-507 Organization of pharmacy
05-600 MEDICAL PHYSICS

- 05-601** Physical coercion in medicine
- 05-602** Physical method of diagnostics. Tomography
- 05-603** Roentgenology, medical radiology, medical imaging
- 05-700 MEDICAL EQUIPMENT AND INFORMATICS**
- 05-701** Medical equipment
- 05-702** Medical informatics
- 05-703** Additive technology in medicine

04 AGRICULTURAL SCIENCES

04-100 PHARMACY AND PLANT CULTIVATION

- 04-101** Forest management
- 04-102** Agricultural science
- 04-103** Gardening and vegeculture
- 04-104** Agrobiotechnologies
- 04-105** Agricultural engineering
- 04-106** Plant cultivation

06-200 ZOOTECHNICS

- 06-201** The fishing industry
- 06-202** Dairying
- 06-203** Veterinary
- 06-204** Animal breeding

06-300 FOOD SCIENCE AND TECHNOLOGY

- 06-301** Food technology
- 06-302** Functional nutrition products and foods for particular nutrition uses

04-107 Geoscience**04-108 Geology****04-109** Areal structure and geodynamics**04-110** Areal geology**04-111** Historical geology**04-112** Stratigraphic geology**04-113** Lithology**04-114** Perinatology**04-115** Geochronology and geochronometry**04-116** Petrology of igneous rock**04-117** Progeny of metamorphic and metasomatic rocks**04-118** Volcanology**04-119** Oil-and-gas geology**04-120** Geology and sedimentary basins of rift zones and extracontinental vein systems**04-121** Geology and genesis of ore bed**04-122** Geology and genesis of nonmetalliferous minerals**04-123** Hydrogeology**04-124** Radioecology, geological isolation of nuclear materials**07-200 GEOCHEMISTRY****07-201** Geochemistry of magmatic process**07-202** Geochemistry of metamorphous and carbonation**07-203** Geochemistry of aqueous processes**07-204** Geochemical fields of ore beds and oryctology**07-205** Minerals, their assemblage, and processes of mineral formation**07-206** Isotopic geochemistry**07-207** Cosmo geochemistry and Planetology**07-208** Hydrogeochemistry**07-209** Biogeochemistry and organic geochemistry**07-210** Physics and thermodynamics of mineral**07-211** Crystallography and crystal chemistry**07-400 MINING SCIENCES****07-300** Geomechanics**07-301** Mechanical features and destruction of geomaterial and mountain groups**07-302** Underlying problems of ore enrichment**07-303** Hydrodynamic phenomena in mountain groups**07-304** Engineering geology**07-305** Geocryology**07-401 GEOPHYSICS****07-402** Earthquake seismology, seismic energy**07-403** Mechanisms of earthquake origin, epicentre, forerunners**07-404** Seismoacoustics**07-405** Physical fields of continents and ocean bed**07-406** Geomagnetic field, geodynamo, paleomagnetism**07-407** Electromagnetic field, electrical conductivity**07-408** Gravitational field of the Earth, dispersion of Earth rotational rate, internal processes**07-409** Thermal field of the Earth**07-410** Seismic tomography and internal structure of the Earth**07-411** Modern geodynamics, modeling of geodynamic processes**07-412** Geodesics**07-500 OCEANICS****07-501** Physics of an ocean**07-502** Large-scale and weather processes in an ocean**07-503** Wave action in an ocean**07-504** Mechanisms of origin and processes of tsunami expansion, premonitory symptoms

07-505 Turbulence and small-scale processes
07-506 Physics of seawater ice
07-507 Optics of ocean
07-508 Ocean acoustics
07-509 Interaction between ocean and atmosphere
07-510 Interaction between ocean and continental waters
07-511 Structural geology and evolution of oceanic bed, processes of oceanic crust spreading and subduction
07-512 Sea earthquake seismology and hazardous processes beneath the ocean
07-513 Geological oceanography, lithology, seismic stratigraphy, geochemistry of sediment beds
07-514 Paleoceanography, faunal stratigraphy
07-515 Ocean chemistry
07-516 Processes of recent sedimentation, stray sediment. Ore formation in the ocean
07-518 Natural gas hydrates, their formation, degeneration, methane emissions
07-519 Biooceanology
07-520 Ocean ecology

07-600 Atmosphere physics
07-601 Planetary circulation and dynamic meteorology
07-602 Diagnosis and climate modeling
07-603 Wave action and turbulence in atmosphere
07-604 Atmospheric boundary layer
07-605 Radiation processes in atmosphere
07-606 High and middle atmosphere
07-607 Chemical processes, trace gas, aerosols
07-608 Ionosphere
07-609 Magnetosphere

07-700 Geography and hydrology of land
07-701 Paleogeography
07-702 Geomorphology
07-703 Glaciology
07-704 Climate geography
07-705 Pedogeography, landscape chemistry
07-706 Biogeography
07-707 Landscape study
07-708 Hydrobiology and water resources
07-709 Hydrochemistry
07-710 Hydrobiology
07-711 Geoecology and natural resources management
07-712 Geoinformatics, Earth's remote sensing, and geographical cartography

07-800 Social and economic geography
07-801 Economic and recreational geography
07-802 Social geography
07-803 Political geography

07-804 Humanities and social sciences
04-125 Historical studies
04-126 Theory, methodology, and history of historical studies
04-127 Ethnology and anthropology
04-128 Archeology
04-129 History of Russia from the earliest times till the 20-th century. History of Russia 20 20
08-106 Ancient history
08-107 History of Middle Ages and Renaissance Era
08-108 New and contemporary history of European countries and America
08-109 History of Asian and African countries
08-110 Auxiliary sciences of history

08-150 Economic sciencey

- 08-151** History of economic thought, economic history, theoretical economics. Global economy and international economic relations.
- 08-153 Sectorial economic, including agrarian economics.
- 08-154 Finances, borrowing, monetary circulation, market infrastructure.
- 08-155 Conceptual foresight of social and economic development, State regulation of economy and management for social-economic processes.
- 08-156 Regional and urban economics.
- 08-157 Business economics, business, and organization for enterprises
- 08-158 Social aspects of economics and labor market.

08-200 Philosophic sciences

- 08-201** Cognitive theory and philosophic ontology.
- 08-202** Logic. Linguistic philosophy.
- 08-203** Philosophy and methodology of science
- 08-204** Philosophical problems of cross-disciplinary researches.
- 08-205** History of philosophy.
- 08-206** Ethics. Aesthetics. Philosophy of religion
- 08-207** Social philosophy. Philosophy. History.
- 08-208** Philosophy, cultural theory, philosophical anthropology

08-250 Politology

- 08-251** Political philosophy
- 08-252** Methodical thought and theories of political sciences
- 08-253** History of political thought
- 08-254** Political institution and processes
- 08-255** World politics
- 08-256** Topical areas of political researches
- 08-257** International security (politico-military and politico-social aspects)
- 08-258** Global management, problems, institutions, legal regime of multiple cooperation

08-300 Sociology

- 08-301** Theory, methodology, and history of sociology. Methods of social researches.
- 08-302** Sector-based sociology
- 08-303** Demography
- 08-304** Ethnology
- 08-305** Gender studies.
- 08-306** Investigations of social problems.

08-350 Legal science

- 08-351** Philosophy of the law. Theory of state, law, and methods of their study. History of doctrine of law and government. Comparative law.
- 08-352** Constitutional law. Public law. Municipal law and local governance.
- 08-353** Administrative law. Financial law. Administrative justice.
- 08-354** Civil law. Entrepreneurial law. Family law. Data protection law.
- 08-355** Criminal law. Criminology.
- 08-356** Criminal and civil law procedure
- 08-357** Social law. Employment and labor law. Pension law.
- 08-358** Land law. Environmental law.
- 08-359** International law. Universal right and regional international law. International private and public law.

08-400 Science of science

- 08-401** Historiography of technics, development of science and technology during different periods of world history. Methodological problems.
- 08-402** Science, technics, society. The dynamics of their mutual relations.
- 08-403** Scientific, scientific and technical communities, norms of, scientific and technical community. Science-based ethics. Technical ethics.
- 08-404** Science in sociocultural context. Scientific rationality and values of different cultures
- 08-405** System enhancement of scientific communication, its disciplinary and cross-disciplinary specific aspects and new tendencies

08-406 Social history of science and technology, scientific and engineering of academic and research and technology community

08-407 Scientific analysis of new areas of research and developments. Scientific aspects of development of new technologies

08-450 Philological Sciences

08-451 Philology

08-452 Theory and history of literature

08-453 Linguistics

08-454 Textual criticism

08-500 Art criticism

08-501 Theory and the history of visual art

08-502 Theory and the history of architecture

08-503 Musicology

08-504 Ethnomusicology

08-505 Theatrology

08-545 Folkloristics

08-550 Psychology

08-551 General psychology, methodology and the history of psychology, personality psychology

08-552 Physiological psychology, behavioral genetics, comparative psychology, zoopsychology, genetic psychology

- 08-553** Social psychology, ethnic and cross-cultural social psychology, political psychology, legal psychology, economical psychology
- 08-554** Labor psychology, engineering psychology, organizational psychology
- 08-555** Development psychology, pedagogical psychology, correctional psychology, psychology of education
- 08-556 08-600 Pedagogy**
- 08-601 General pedagogy, history of pedagogics and education
- 08-602 Methodical thoughts and theories of education
- 08-603 Methodical thoughts and theories of parenting
- 08-604 Methodical thoughts and theories of innovation processes in education, experimental and innovative activity in education
- 08-605 Methodical thoughts and theories of physical training
- 08-700** Methodical thoughts and theories of professional education
- 08-701 Culturology**
- 08-702** Theory, methodology, and history of culture study
- 08-703** Culture in the modern world
- 08-704** Culture and individual
- 08-705** National distinctness and cross-interaction of cultures
- 08-706** Preservation of monuments of history and culture

05 Engineering Sciences

- 05-100 Mechanical science and mechanical engineering**
- 05-101** Resistance, tenacity and material breakage of construction design
- 05-102** Mechanics of technological processes
- 05-103** Tribology
- 05-104** Object and apparatus motion across different environments
- 05-105** Gas and hydrodynamics of technical and natural systems
- 05-106** Mechanic problems in constructional design of new materials
- 05-107** Mechatronics and robotized technology
- 05-108** Engineering mechanics of living systems
- 09-200** Geotechnics, hydrotechnics
- 09-201** Civil and structural engineering, construction and exploitation
- 09-202 Heat-mass exchange processes, characteristics of substances and materials**
- 09-203** Processes of heat and mass exchange
- 09-204** Thermal physical properties of substances and materials, including extremal conditions
- 09-205** Phase neutrality and transmutation
- 09-206** Neutrality and kinetics of processes in chemically-reacting systems
- 09-207** Development of new engineered materials and coating
- 09-208** Nano and membrane analogies
- 09-209** Thermodynamic processes in engineering systems
- 09-300 Electrophysical, electric engineering, electrical power engineering**
- 09-301** Electrophysical, electrophysical systems
- 09-302** Corpuscular, plasma and radial sources for research and practice
- 09-303** High-current electronics and high-power electronics
- 09-304** Electro physical processes in fluid-bodies, gases, and solid dielectrics
- 09-305** Physical aspects of getting, transformation and transmission of electro energy
- 09-306** Engineering-physical problems of electrotechnical and technical superconductivity
- 09-307** Electrophysical aspects of new technologies
- 09-400 Energetics**
- 09-401** Energy systems with organics fuel
- 09-402** Hydro energetics, new and renewable energy sources
- 09-403** Hydrogen energetics
- 09-404** Problems of creation of power-generating equipment
- 09-405** Transport energetics of above-ground, water, air and space transport
- 09-406** Energy saving during energy transfer and consumption
- 09-500 Atomic power energetics**

- 09-501** Theory and techniques for reactor development
- 09-502** Physical problems of radiological safety
- 09-503** Nuclear fuel cycle front-end of nonproliferation
- 09-504** Nuclear and radiation safety, radioecology
- 09-505** Physical-chemical and radiative problems of material engineering
- 09-506** Nuclear and thermonuclear technologies
- 09-600 Engineering systems and management processes**
- 09-601** Theory, methods of design works and operating benefits of engineering systems
- 09-602** Simulation of engineering systems
- 09-603** Reliability and robustness of engineering systems. Diagnostics of technical conditions and testing
- 09-604** Problems of design theory of engineering systems
- 09-605** Complexing and information data processing in engineering systems
- 09-606** Navigation, guidance, and control of mobile units
- 09-607** Theory of man-machine systems oa management
- 09-608** Engineering and technical and communication automated systems of monitoring of biological resources, biosphere and engineering systems
- 09-609** Automated complex for biology and medicine
- 09-700 Element base of computing techniques and communication systems**
- 09-701** Electronic element base of information systems
- 09-702** Problems of design theory of microelectronic systems
- 09-703** Ambitious technological processes in micro and nanoelectronics
- 09-704** Mirco and nanoelectromechanical devices
- 09-705** Energy-saving technologies for supercomputer
- 09-706** Radio and television systems, radiolocation and connection
- 09-707** Element base of quantum computing system and communications network
- 09-708** Laser information technologies
- 09-709** Nanotransistors and other nanoelectronic devices of element base in IT system
- 09-710** New materials for nanoelectronic devices
- 09-711** Methods of nanostructuring, nanoscale lithography, and companion processes
- 09-712** Integration technique of nanodevices including method of interconnection creation
- 09-713** Metrology of integrated nanoelectronic systems
- 09-800 Mainstay of convergent science**
- 09-714** Mainstay of convergent science