

**Essay Topics for Applicants to Main Educational MASTER Programmes for Competitive Selection of Applicants to Government-Funded Places
Allocated to SPbU in 2018
and Specified by the Government of the Russian Federation in Decree No. 891 as of October 8, 2013 "On
Establishing an Education Quota for Foreign Nationals and Stateless Citizens in the Russian Federation"**

Main field of study title	Programme title	Areas of specialisation (if any)	Language of instruction	Essay topics
01.00.00 MATHEMATICS AND MECHANICS				
01.04.01 Mathematics	Mathematics (Analytical and Computer Simulation)		Russian	1. Methods of solving systems of linear equations. 2. Scalar product in different spaces and its properties. 3. Conic sections and their properties.
01.04.02 Applied Mathematics and Informatics	Applied Mathematics and Informatics	Dynamical Systems, Evolution Equations, Extremal Problems and Mathematical Cybernetics Statistical Modelling	Russian	1. The Monte Carlo method and its applications. 2. Time series and methods of their analysis. 3. Curves and Bézier surfaces.
01.04.02 Applied Mathematics and Informatics	Game Theory and Operations Research	Game Theory and Operations Research	English	The essay should be written in English 1. Application of operations research methods in economics and industry 2. Applied mathematics in analysis of socio-economic systems 3. Application of game-theoretic approach to decision-making problems 4. Any paper published in scientific journals in the field of game theory and operations research may be accepted as an essay
01.04.02 Applied Mathematics and Informatics	Methods of Applied Mathematics and Computer Science in Control Problems	Methods of Applied Mathematics and Computer Science in Control Problems	Russian	1. Mathematics and control processes for my future speciality. 2. Mathematical models of populations interacting on a territory. 3. Pure and applied mathematics. 4. Mathematics as a science of reasoning and thinking. 5. A well-known applied mathematician, an expert in control theory and his main works. 6. Expert system as a tool of reason. 7. Natural problems of artificial intelligence. 8. The mapping of algorithms to the structure of a computer. 9. Registration and modelling of 3D objects. 10. Mathematical models in mechanics, engineering and technological processes. 11. Numerical methods for solving mathematical problems. 12. Using mathematical packages for solving applied problems. 13. Ordinary differential equations and their applications. 14. Partial differential equations and their applications.
	Mathematical Modelling in Problems of Natural Science	Computational Methods and Technologies in Modern Natural Science Mathematical Modelling	Russian	
	Applied Mathematics and Computer Science in Problems of Medical Diagnosis	Medical Physics and Information Technology	Russian	
	Applied Mathematics and Computer Science in Problems of Digital Control	Digital Systems of Mobile Objects Control	Russian	
	Reliability and Safety of Complex Systems	Methods of Applied Mathematics in the Problems of Analysing Safety and Security of Life Objects	Russian	
	Applied Informatics Technologies. Information Expert Systems	Computational Methods and Technologies in Modern Natural Science	Russian	
	Mathematical and Information Support of Economic Activity	Mathematical and Information Support of Economic Activity	Russian	1. Application of operations research methods in solving economic problems. 2. Application of mathematical modelling to socio-economic processes. 3. Using the game-theoretic approach and operations research methods in applied problems
	Operations Research and Systems Analysis	Operations Research and Systems Analysis	Russian	
	Digital Economy		Russian	
01.04.03 Mechanics and Mathematical Modelling	Mechanics and Mathematical Modelling	Deformable Body Mechanics Fluid, Gas and Plasma Mechanics Fracture Mechanics Theoretical Mechanics	Russian	1. Application of mathematical methods for solving elasticity problems. 2. Theory of turbulence: the current state and problems. 3. Nanomechanics and its perspectives

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02.00.00 COMPUTER AND INFORMATION SCIENCES				
02.04.02 Fundamental Informatics and Information Technology	Digital Technologies and Systems		Russian	1. Hybrid architecture of computer systems. Purpose and methods of construction. 2. Distributed databases 3. GRID and Cloud Computing. Similarities and differences 4. Classical and non-classical logics 5. Problems of adapting mathematical models to a specific computational architecture. 6. Consolidation of heterogeneous computing resources 7. Means of inter-process communication.
	Computational Technologies	Computational Technologies	Russian	
	Database Technologies	Database Technologies	Russian	
02.04.03 Information Systems Administration and Mathematical Support	Software and Administration of Information Systems		Russian	1. Sorting and searching algorithms. Estimating their effectiveness. 2. Storage structures and DBMS architectures 3. Methods and algorithms for analysing social networks
03.00.00 PHYSICS AND ASTRONOMY				
03.04.01 Applied Mathematics and Physics	Mathematical and Information Technologies	Mathematical and Information Technologies	Russian	1. Methods of modelling in the dynamics and optimisation of charged particle beams. 2. Mathematical models in emission processes. 3. Investigation of the behaviour of electromagnetic field characteristics in accelerator installations. 4. Systematisation and analysis of full-scale experiment data using information expert systems. 5. Mathematical and software tools for modelling and analysis of nanostructures. 6. Essay on a topic of the applicant's choice
	Information and Nuclear Technology		Russian	
	Applied Informatics	Applied Informatics	Russian	
03.04.01 Applied Mathematics and Physics	Applied Physics and Mathematics		Russian	1. My research. 2. Physics is a fundamental basis of the natural sciences. 3. Physical models and processes. 4. Basic and applied physics
03.04.02 Physics	Physics		Russian	1. My research project. 2. Physics is a fundamental basis of the natural sciences. 3. Physical models and processes. 4. Basic and applied physics
03.04.02 Physics	Condensed Matter Physics on the Mega-Class Research Facilities		English	
03.04.02 Physics	Condensed Matter Physics		English	1. My research project. 2. Physics is a fundamental basis of the natural sciences. 3. Physical models and processes. 4. Basic and applied physics
04.00.00 CHEMISTRY				
04.04.01 Chemistry	Chemistry		Russian, English	Current state of research and the development prospects of the field of chemistry you are interested in (in the country of your citizenship)
05.00.00 EARTH SCIENCES				
05.04.01 Geology	Geology	Gemmology and Stone Examination	Russian	1. The internal structure and composition of the Earth 2. The fold belts of the Phanerozoic 3. The general stratigraphic scale (main divisions) 4. Principles of sedimentary rock systemation 5. Principles of magmatic rock systemation 6. Isomorphism and solid solutions 7. Hydrogeological structures
		Geophysics		
		Geochemistry and Mineralogy		
		Hydrogeology		
		Engineering Geology		
		Crystallography and Crystallochemistry		
		Minerageny. Geological and Economic Evaluation of Mineral Deposits		
		Petrology and Isotope Geology Exploration		
Tectonics, Sedimentary Geology and Palaeontology				
05.04.02 Geography	Structure, Dynamics and Protection of Landscapes		Russian	1. Dynamics of the boundaries of the northern polar landscape zones under the conditions of the Arctic climate change 2. Processes of weathering and soil formation in a cold climate 3. Arctic regions as objects of rational nature management 4. The planning of cultural landscapes of various purpose 5. Problems of landscape organisation of recreational areas 6. Geosystems of different dimensions: minimal areas, rank, hierarchy 7. Environmental impact evaluation: the notions, the purpose, the principles, the area of application
05.04.02 Geography	Social Geography		Russian, English	1. The role of the geographical factor in the development of human society 2. Formation of the political map of the world in the modern period 3. Regional policy: the essence, the content and world experience 4. World heritage sites in Russia

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05.04.03 Cartography and Geoinformatics	Geographical Information Mapping		Russian	<ol style="list-style-type: none"> 1. Russian and foreign systems of global positioning and their application in geodesy, cartography and geoinformatics 2. Modern methods of using maps and geographic information systems in territory management 3. Modern methods of processing and integration of spatial information 4. The history of territory mapping (concerning one particular region) 5. The development of spatial research methods (concerning one particular region) 6. Development of software for geographic information systems 7. Cartography- and geoinformation-related Internet content
05.04.04 Hydrometeorology	Hydrosphere and Atmosphere: Modelling and Forecasting		Russian	<ol style="list-style-type: none"> 1. Thermal balance of the Earth's surface, atmosphere and the planet as a whole 2. General circulation of the atmosphere as a factor of climate formation 3. Hydrological hazards: their causes, escalation and prediction 4. The influence of reservoirs on the water and hydrochemical regimes of rivers 5. The interaction of the ocean and the atmosphere during the formation of the Earth's climate 6. Wave types in the World Ocean
05.04.06 Ecology and Nature Management	Geoecological Monitoring and Rational Use of Natural Resources	Geoecological Monitoring	Russian, English	<ol style="list-style-type: none"> 1. Environmental policy of the state 2. Environmental regulation 3. Management of rational use of natural resources 4. The current state and prospects of natural resources use 5. Principles of environmental safety and sustainable development
		Nature Management		
05.04.06 Ecology and Nature Management	Cold Regions Environmental Landscapes Integrated Science (CORELIS)		English	<ol style="list-style-type: none"> 1. International multilateral agreements and conventions related to environmental management 2. Environmental Doctrine of the Russian Federation and Environmental Policy in the Russian Arctic 3. Comparative evaluation of the environmental policies in Western countries and Russia 4. Forecasts of environmental management systems changes in sensitive areas (optional: in areas of permafrost, mountain areas on the coast, and others) 5. Oil and Gas exploitation as a source of environmental impact
05.04.06 Ecology and Nature Management	Environmental Management		Russian	<ol style="list-style-type: none"> 1. Specially protected natural sites and complexes, the significance of UNESCO cultural and natural heritage 2. The environmental foundations of the rational use of natural resources 3. Violations of the stability and organisation of the natural environment under modern environmental management systems
05.04.06 Ecology and Nature Management	Ecology. Biodiversity and Nature Protection		Russian	<ol style="list-style-type: none"> 1. Loss of biological diversity due to destruction of the natural habitat. 2. Anthropogenic impact on the structure and dynamics of aquatic ecosystems. 3. Which environmental problems are of the greatest interest to me and why? 4. Environmental impact evaluation: the notions, the purpose, the principles, the area of application 5. The structure and functioning of an ecosystem
06.00.00 BIOLOGICAL SCIENCES				
06.04.01 Biology	Biology	Genetics and Biotechnology	Russian	<ol style="list-style-type: none"> 1. Current views on the phylogenetic diversity of organisms 2. Current issues in cell and molecular biology. 3. Current issues in physiology. 4. Why is biology called the science of the 21st century? 5. Which is the most burning issue in modern biology from your point of view?
		Cellular Biology, Immunology, Microbiology, Developmental Biology		
		Physiology, Biochemistry, Biophysics		
		Botany, Mycology, Zoology, Hydrobiology, Parasitology, Entomology		
06.04.01 Biology	Bioinformatics		Russian	<ol style="list-style-type: none"> 1. Microbial-vegetative interactions
06.04.01 Biology	Molecular Biology and Agrobiotechnology of Plants		Russian	<ol style="list-style-type: none"> 2. The success of genetic engineering in plant biotechnology 3. The problem of using genetically modified plants 4. Modern challenges of agricultural production and meeting them using fundamental research 5. Genetic resources of plants

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06.04.02 Soil Science	Soil Science		Russian	<ol style="list-style-type: none"> 1. Soil as a landscape mirror 2. Soil solutions as landscape blood 3. Fundamentals of the theory of soil fertility 4. Environmental functions of soils 5. The basic law of soil science 6. Soil as a special natural body 7. The Earth's humosphere as an energy shell of the planet
09.00.00 INFORMATICS AND COMPUTER SCIENCE				
09.04.04 Software Engineering	Software Engineering		Russian	<ol style="list-style-type: none"> 1. Algorithms of sorting. 2. Numerical systems and their application in informatics. 3. Programming languages and their classification
21.00.00 APPLIED GEOLOGY, MINING, PETROLEUM ENGINEERING AND GEODESY				
21.04.01 Petroleum Engineering	Petroleum Engineering		Russian	<ol style="list-style-type: none"> 1. The process of formation of hydrocarbon deposits from the first micro-oil to the filling of the trap.
21.04.01 Petroleum Engineering	Geology in Hydrocarbon Exploration		Russian	<ol style="list-style-type: none"> 2. Sedimentary basins: types, formation, oil / gas occurrence. 3. Problems of oil and gas geology in the late 20th and first decades of the 21st centuries. 4. The role of modelling in solving problems of oil and gas geology. 5. Modern oil and gas prospecting and exploration: on some aspects of the organisation of the process 6. Prospective areas of geological exploration for oil and gas in Russia. 7. Modern problems of oil and gas fields development and ways of their solution. 8. Intellectual hydrocarbon deposit: the content of the notion and its dynamics over time. 9. The ecology of oil and gas producing facilities. Systems for ensuring technogenic and environmental safety of oil and gas fields development 10. The global market for petroleum: the evolution; Russia at the global energy market
21.04.02 Land Use and Cadastres	Management of Real Estate Objects and Development of Territories		Russian	<ol style="list-style-type: none"> 1. Goals and objectives of the state land policy. 2. The legal foundation of land and property relations.
21.04.02 Land Use and Cadastres	Urban Property and Development		Russian	<ol style="list-style-type: none"> 3. State regulation of land and property relations. 4. The land market as a factor of effective development of territories. 5. The land market in Russia: current trends
28.00.00 NANOTECHNOLOGY AND NANOMATERIALS				
28.04.04 Nanosystems and Nanomaterials	Fundamental and Applied Aspects of Nanomaterials and Nanotechnology		Russian	<ol style="list-style-type: none"> 1. Nanotechnologies in the present-day world, development prospects 2. Nanosystems as a new reality 3. Methods of measurement, processing and modelling for the production and use of nanomaterials 4. Nanosystems and nanomaterials and their significance in modern science and technology.
37.00.00 PSYCHOLOGICAL SCIENCES				
37.04.01 Psychology	General and Cognitive Psychology	Cognitive Psychology	Russian	<ol style="list-style-type: none"> 1. Psychological research that influenced the development of psychology. 2. Prospects for the development of the psychological science by the mid-21st century. 3. The whole person issue in psychology
		General Psychology		
37.04.01 Psychology	Organisational Psychology and Psychology of Management	Organisational Psychology	Russian	
		Psychology of Management		
37.04.01 Psychology	Mental Health	Consulting Psychology	Russian	
		Mental Health of Children		
37.04.01 Psychology	Personality Psychology	Individual Psychological Counselling	Russian	
		Existential Psychology		
37.04.01 Psychology	Educational Psychology	Educational Psychology	Russian	
		Psychology of Special Needs Education		
37.04.01 Psychology	Developmental Psychology	Developmental Psychology	Russian	
37.04.01 Psychology	Social Psychology and Political Psychology	Social Psychology	Russian	
		Political Psychology		
37.04.02 Conflictology	Conflict Analysis and Management		Russian	<ol style="list-style-type: none"> 1. The main problems of ethnic and political conflicts.
37.04.02 Conflictology	Political Conflictology		Russian	<ol style="list-style-type: none"> 2. Negotiation process as a subject of conflictological research. 3. Analysis and examination of conflict situations

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37.04.02 Conflictology	Mediation		Russian	3. Analysis and examination of conflict situations
38.00.00 ECONOMICS AND MANAGEMENT				
38.04.01 Economics	Russian and CIS Business in Global Economy		Russian	1. Supply and demand. Market equilibrium 2. The concept of monopoly. Types of monopoly. Regulation of monopolies 3. Inflation and its types. Social and economic outcomes of inflation. Anti-inflationary policy 4. Monetary regulation. Macroeconomic objectives of monetary policy 5. Current social policy in Russia 6. Development of the Russian economy during and after the global economic crisis 7. Characteristics, problems and prospects for economic integration in the post-Soviet space 8. Russia-WTO interaction: characteristics, problems and prospects 9. Tax policy in the Russian Federation: general characteristics, problems and prospects 10. The debt problem in the modern global and Russian economy and ways of solving it
38.04.01 Economics	Institutional Analysis of Modern Markets		Russian	
38.04.01 Economics	Applied Macroeconomics, Economic Policy and State Regulation	State and Regional Management Applied Macroeconomics and Economic Policy	Russian	
38.04.01 Economics	Management of Organisational Development	Company Management	Russian	
38.04.01 Economics	Accounting, Analysis and Audit	Accounting, Financial Analysis and Audit	Russian	
38.04.01 Economics	Business Economics	Business Economics Business Economics: Innovation Management	Russian, English	
38.04.01 Economics	Accounting, Analysis and Audit		Russian	
38.04.01 Economics	Business Management in Digital Economy		Russian	
38.04.01 Economics	Economics and Enterprise Management	Anti-Crisis Management Marketing and Brand Management	Russian	
38.04.01 Economics	Mathematical Approach to Economics	Mathematical Approach to Economic Analysis	Russian	
38.04.01 Economics	World Economy		Russian	
38.04.01 Economics	International Trading System		English	1. Global economic challenges 2. International economic organisations in the contemporary world 3. Foreign trade of the Russian Federation 4. Russia in the global economy 5. Impact of the WTO accession on the Russian economy
38.04.02 Management	Master in Business Analytics and Big Data - MiBA		English	The essay should be written in English 1. Digital technology as a way to increase business efficiency 2. Research and analysis of data in business practice 3. The role of business analysts in developing business strategy 4. Cross-cutting project management 5. Artificial Intelligence (theory and practice) 6. The Internet of Things: challenges and prospects
38.04.02 Management	Master in Management (MiM)		English	The essay should be written in English 1. Comparative analysis of leadership types (discussion with positive and negative examples) 2. Cross-country comparative analysis of the main trends in entrepreneurship in BRICS 3. Specifics and risks of the main stages of company life-cycle (discussion with examples) 4. Innovations management specificity in emerging markets (discussion with examples) 5. Consumer behaviour specificity in emerging markets (discussion with examples) 6. Main challenges in contemporary management theory (discussion with examples)
38.04.02 Management	Master in Corporate Finance (MCF)		English	The essay should be written in English 1. The main areas of financial management of a company. 2. The main accounting systems of a company (financial, tax, management accounting): goals, problems, areas of implementation. 3. Financial and non-financial performance indicators of a company. 4. Applying mathematical methods to financial problems. 5. The role of financial intermediaries in a company's operations. 6. The main approaches to companies' valuation

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38.04.03 Personnel Management	Human Resource Management		Russian	<ol style="list-style-type: none"> 1. The concept and models of strategic HR management 2. Modern technologies of personnel management 3. the efficiency of the human resource management system: approaches and methods of assessment 4. State regulation of labour relations: the experience and problems 5. The structure and functions of the HR department of a large company 6. Methods and tools of staff remuneration 7. Evaluation of personnel in the HR management system 8. Organisation of personnel training 9. Personnel development and career planning 10. Working with employees that are subject to dismissal: legal and social aspects
38.04.04 Public and Municipal Administration	Master in Public Management (MPM)		Russian, English	<ol style="list-style-type: none"> 1. Development of monotonous: problems and their solutions (a case study) 2. Smart city as a city of the future: its characteristics, problems and development prospects in Russia 3. Innovative approaches to solving urban problems (a case study) 4. Key problems of my region's development and proposals for their solution 5. Public-private partnership as an effective approach to solving infrastructure problems (a case study) 6. Regional policy of cluster development: problems, solutions and key results (a case study)
38.04.05 Business Informatics	Business Information Analysis		Russian	<ol style="list-style-type: none"> 1. Automated design of IS using the CASE technology 2. Audit of IS. Basic requirements and organisation 3. Perspective technologies for processing multidimensional data. OLAP technologies 4. Information security and data protection 5. Modelling of business processes of information systems oriented at enterprise management strategies: MRP, MRPII, EPR, ERP, CRM
38.04.08 Finance and Credit	Actuarial Modelling of Financial Operations		Russian	<ol style="list-style-type: none"> 1. Finance, its role and essence in the process of social reproduction 2. Debt policy of the Government of the Russian Federation at the present stage 3. Banking risks: the essence and types 4. Global financial crises: causes and consequences 5. The present state of the banking sector in the Russian Federation, trends and prospects for its development 6. The securities market and its role in the economy 7. The impact of taxes and business decision-making 8. Credit, its essence and functions in the economy 9. The concept of the time value of money and its application in the theory of finance 10. Sources and tools of enterprise financing
38.04.08 Finance and Credit	Risk Management and Insurance		Russian	
	Financial Markets and Banks	Banking Management and Marketing Financial Markets: Tools and Technology	Russian	
38.04.08 Finance and Credit	Financial Management		Russian	
39.00.00 SOCIOLOGY AND SOCIAL WORK				
39.04.01 Sociology	Sociology	Gender Studies	Russian	<ol style="list-style-type: none"> 1. Social inequality and poverty alleviation in Russia and post-social countries under current conditions. 2. Labour migration in Russia and in Europe as a sociocultural problem. 3. The global world community as a new object of sociology.
		Modern Methods and Technologies of Social Problems Research		
		Modern Sociological Theories		
		Social Anthropology		
		Sociology of Communication		
		Sociology of Culture		
		Organisational Sociology and Sociology of Personnel Management		
		Sociology of Politics and International Relations		
		Sociology of Economy		
Public Administration				
39.04.01 Sociology	Sociology in Russia and China		Russian, English	<ol style="list-style-type: none"> 1. The experience of social modernisation in Russia and China in the late 20th - early 21st centuries. 2. Socio-political reforms in Russia and China: a historical and sociological analysis. 3. Socio-economic reforms in Russia and China: a historical and sociological analysis.
39.04.01 Sociology	International Sociology	Global Sociology: Comparative Prospects	English	<ol style="list-style-type: none"> 1. Burning problems of the globalisation of social life in the world

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		European Societies		2. Cultural diversity and ethnic conflicts in present-day Europe 3. Migration processes in European democracies: challenges and perspectives 4. The changing role of nation states in modern Europe 5. Transformations of social inequality systems in global perspective 6. Transformation of identities under the conditions of European integration 7. Globalisation and changes in everyday practices of people 8. Key social problems of contemporary European societies
39.04.02 Social Work	Social Work	Innovative Technology in Social Work	Russian	1. The development trends of social work in your country. 2. Globalisation, migration and forms of migrants' support. 3. Social inequality and forms of support in the present-day world. 4. The social factors of human health formation. 5. Family values in the present-day world.
40.00.00 LAW				
40.04.01 Law	Civil Procedure, Arbitration Procedure		Russian, English	1. Criminal liability and its foundation. 2. Principles of regulating civil law relations. 3. Precedent in the history of Anglo-American law
40.04.01 Law	Civil Law, Family Law		Russian, English	
40.04.01 Law	Protection of Public Rights		Russian	
40.04.01 Law	Medical Law	Medical Law Pharmaceutical Law	Russian, English	
40.04.01 Law	International Law	International Public Law International Private Law	Russian, English	
40.04.01 Law	Tax Law		Russian, English	
40.04.01 Law	Legal Protection of Economic Competition		Russian	
40.04.01 Law	Legal Regulation of Natural Resource Use		Russian, English	
40.04.01 Law	Business Law	Problems of Entrepreneurial Law Energy Law	Russian, English	
40.04.01 Law	Theory and History of Law and State, History of Legal Doctrines		Russian, English	
40.04.01 Law	Criminal Law		Russian, English	
40.04.01 Law	Lawyer in the Field of Criminal Justice		Russian, English	
40.04.01 Law	Lawyer in the Field of Foreign Trade and Customs Regulation		Russian	
40.04.01 Law	Lawyer in the Field of Corporate Labour and Social Relations Management		Russian	
40.04.01 Law	Lawyer in the Field of Financial Markets (Finance Lawyer)		Russian, English	
41.00.00 POLITICAL SCIENCE AND REGIONAL STUDIES				

Main field of study title	Programme title	Areas of specialisation (if any)	Language of instruction	Essay topics
41.04.04 Political Science	Political Science	Organisation of Government Relations	Russian, English	<ol style="list-style-type: none"> 1. The problem of the state in modern political theory 2. Parties and party systems in modern society 3. Political practices of new social movements 4. Democracy and the problem of political participation 5. The progress and regress in politics 6. The current technologies of election campaigns 7. Public policy in present-day Russia 8. Ideas and ideologies in the political life of modern society 9. Ethnic and civil identity: the correlation issue 10. Resources of present-day political power 11. Citizens and their participation in politics 12. The problem of leadership in present-day international relations 13. The symbolic capital of present-day politics 14. The Chinese factor in world politics 15. National sovereignty as a theoretical and practical issue 16. Political subculture of present-day Russian youth 17. Political career in present-day Russia
		Political Process in Russia		
		Applied political science		
		Russia and China in Modern World Politics		
		Theory of Global Political Process and International Relations		
41.04.04 Political Science	Political Governance and Public Policy (in English)		English	<p>The essay should be written in English</p> <ol style="list-style-type: none"> 1. The Problem of Nation-State in Contemporary Political Theory 2. Parties and Party System Transformation in Contemporary Society. 3. Evaluation Methods of Public Administration Effectiveness. 4. Network Studies in Contemporary Political Science. 5. Citizen and its Participation in Politics. 6. Ratio of Qualitative and Quantitative Methods in Political Studies.
41.04.05 International Relations	American Studies		Russian	<ol style="list-style-type: none"> 1. The Foreign Policy of the Russian Federation. 2. The processes of globalisation and regionalisation in the contemporary international relations 3. The formation of a new system of international relations after the collapse of bipolar world. 4. International terrorism, major ways of combating contemporary international terrorism. 5. Modern Diplomacy. 6. Features of contemporary conflicts and ways of conflict management. 7. The role of international organisations in regulation of the international relations.
	Diplomacy of the Russian Federation and Foreign States		Russian	
	Pacific Studies		Russian	
	International Humanitarian Cooperation		Russian	
	International Relations in the Post-Soviet Countries		Russian	
	World Politics		Russian	
	Theory of International Relations		Russian	
41.04.05 International Relations	European Studies		Russian, English	
	Baltic and Nordic Studies		Russian, English	
	BRICS Studies		Russian, English	
	Public Relations as Part of International Relations		Russian, English	
41.04.05 International Relations	International Relations (in English)		English	<ol style="list-style-type: none"> 1. The Concept of Soft Power in Modern International Relations. 2. Modern Diplomacy (Public Diplomacy, Peoples' Diplomacy, Cultural Diplomacy). 3. The Role of International Non-Governmental Organisations in Contemporary International Relations. 4. Religion and World Politics. 5. Environmental Dimension of Contemporary International Relations. 6. Globalisation and regionalisation: Forms and Characteristics
	Strategic and Arms Control Studies		English	
42.00.00 MASS MEDIA AND INFORMATION LIBRARIANSHIP				
42.04.01 Advertising and Public Relations	Advertising and Public Relations	Communicative Consulting	Russian	<ol style="list-style-type: none"> 1. The state and the business: partners or rivals? 2. The government and the media: a dispute over the power. 3. The social responsibility of business: public good or a business interest? 4. Globalisation: mutual enrichment or mutual devastation of cultures?
		Strategic Communications in Business and Politics		
	Media Communications	Hybrid Media Project Management	Russian	
42.04.02 Journalism	Journalism	Journalism and Culture of Society	Russian	<ol style="list-style-type: none"> 1. World news agencies. 2. The role of journalism in present-day society. 3. Modern trends in the development of radio and television journalism. 4. Mass media system: the structure, the specifics of the channels and their interaction. 5. The system of genres of periodicals. 6. Journalist's work as a creative activity.
		Media Design		
		International Journalism		
		Popular Science Journalism		
		Professional Verbal Communication in Mass Media		
		Advertising		
		Sports Journalism		

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42.04.02 Journalism	Professional Speech Activity in Mass Media		Russian, English, Chinese	
42.04.02 Journalism	Journalism	Russian Media Studies	English	1. Modern Russian Media and Communication Challenges and Prospects 2. Modern Russian Media Projects as a Part of Social Policy 3. Modern Russian Media and Their Peculiarities
43.00.00 SERVICES AND TOURISM				
43.04.02 Tourism	Tourist Destination Management		Russian	1. Development of the global tourism's geographic pattern 2. Problems of touristic and recreational territory development 3. The role of domestic and inbound tourism in the regional development diversification 4. National problems of tourism development 5. World natural and cultural heritage as a factor of recreational development. 6. Territory potential for touristic and recreational development 7. Optimisation of the touristic and recreational field as a national security factor
43.04.02 Tourism	Tourist Destinations of Russia		English, Russian	1. The place of Russia in the international tourist market. 2. The potential for the development of historical and cultural tourism in Russia. 3. Russia's natural heritage sites, their role in the development of international tourism. 4. Differentiation of the historical, cultural and natural space of Russia in the light of specialisation of inbound tourist flows. 5. Comparative analysis of the tourist and recreational potential of Russia and (the country of your choice)
45.00.00 LINGUISTICS AND LITERARY STUDIES				
45.04.01 Philology	Classical, Byzantine and Modern Greek Philology	Ancient Greek and Roman Literature and Western European Classical Literature Byzantine and Modern Greek Philology Classical Philology History of Ideas in the World of Classical Antiquity	Russian	1. "The divine apparatus" in Homer's epics and in Virgil's "Aeneid". 2. Traditional motifs of Ancient Greek lyric poetry in the Roman poetry. 3. The tragic hero in Ancient Greek drama as illustrated by "Oresteia", "Prometheus Bound", "Oedipus the King", "Ajax" and other tragedies. 4. Hereditary guilt and personal responsibility of the heroes of Aeschylus and Sophocles as illustrated by the tragedies "Oresteia", "Oedipus the King", "Seven Against Thebes" and "Antigone". 5. Female images of Sophocles and Euripides as illustrated by the tragedies "Antigone", "Electra", "Alcestis", "Iphigenia in Aulis", "Medea" and "Hippolytus". 6. Classic female "villains" of the Ancient Greek and Roman tragedies as illustrated by the tragedies "Oresteia", "Medea" (by Euripides and Seneca), "Hippolytus" and "Phaedra". 7. Limitless pride and limited knowledge of the heroes of the Greek tragedy as illustrated by the tragedies "Oresteia", "Antigone", "Oedipus the King" and "The Trachiniae".
45.04.01 Philology	Foreign Literatures and Cultures	Foreign Cultural Studies Foreign Literatures Comparative Literary Studies	Russian	1. The artistic cycle problem in Byron's early works: an analysis of aesthetic attitudes and cycle-forming links in the poetic cycle "Oriental Tales". 2. Evolution of the European historical novel in the 1810s–1830s (poetics of the historical novel by W. Scott and its modifications in the works of A. de Vigny (novel "Saint-Mard") and H. de Balzac (novel "Les Chouans")). 3. Comparative analysis of the first two parts of J. Swift's "Gulliver's Travels" and the philosophical novella "Micromégas" by Voltaire. 4. "Christmas Carol in Prose" and "Dombey and Son" by Charles Dickens as parables. 5. Semiotic ambiguity of the image of the temple in W. Golding's novel "The Spire". 6. Ch. Baudelaire's urban lyrical poetry. 7. The anti-enlightening trend M. Shelley's "Frankenstein: or, The Modern Prometheus"

Main field of study title	Programme title	Areas of specialisation (if any)	Language of instruction	Essay topics
	Slavonic Studies	Slavonic Philology	Russian	<ol style="list-style-type: none"> 1. Language as a semiotic system. 2. Modern approaches to the analysis of text and discourse. 3. Linguistic and paralinguistic trends in modern linguistic research. 4. The dialogue of linguistics and literary studies in the modern humanitarian paradigm. 5. Linguistic research: from narrow specialisation to the interdisciplinary approach. 6. Methodology and methods of linguistic analysis and the problems of the theory of science. 7. Auxiliary linguistic disciplines in modern interdisciplinary humanitarian studies.
45.04.01 Philology	Russian Literature	Russian Literature Literary Theory Folklore Studies and Mythology	Russian	The works of which author are you going to study? Which studies devoted to the chosen author you are familiar with? Try to give a brief characteristics of their advantages and disadvantages
45.04.01 Philology	Linguistic Fundamentals of Editing and Criticism	Linguistic Fundamentals of Editing and Criticism	Russian	<ol style="list-style-type: none"> 1. Language as a semiotic system. 2. Modern approaches to the analysis of text and discourse. 3. Linguistic and paralinguistic trends in modern linguistic research. 4. The dialogue of linguistics and literary studies in the modern humanitarian paradigm. 5. Linguistic research: from narrow specialisation to the interdisciplinary approach. 6. Methodology and methods of linguistic analysis and the problems of the theory of science. 7. Auxiliary linguistic disciplines in modern interdisciplinary humanitarian studies.
45.04.02 Linguistics	Germany and Eastern Europe in the Context of Interlingual and Intercultural Communication		German, Russian	<ol style="list-style-type: none"> 1. Language as a semiotic system. 2. Modern approaches to the analysis of text and discourse. 3. Linguistic and paralinguistic trends in modern linguistic research. 4. The dialogue of linguistics and literary studies in the modern humanitarian paradigm. 5. Linguistic research: from narrow specialisation to the interdisciplinary approach. 6. Methodology and methods of linguistic analysis and the problems of the theory of science. 7. Auxiliary linguistic disciplines in modern interdisciplinary humanitarian studies.
	Intercultural Communication: German-Russian Dialogue / Interkulturelle Kommunikation als Kulturdialog	Intercultural Communication: German-Russian Dialogue (in German)	German	
	Theory and Practice of Verbal Communication: German /Theorie und Praxis verbaler Kommunikation: Deutsch	German Language in Synchrony and Diachrony	German	
	Linguistics of English Socio-Political Discourse		Russian	
	Cultural Linguistics of Great Britain and the USA		Russian	
	General and Applied Phonetics	Speech Technology Phonetics and Verbal Communication	Russian	
	Applied and Experimental Linguistics	Computational Linguistics and Intellectual Technology Modern Technologies of Linguistic Manipulation	Russian	
45.04.02 Linguistics	Literary Translation	Literary Translation	Russian	<ol style="list-style-type: none"> 1. Main approaches to the problem of equivalence and adequacy in translation studies. 2. The problem of translation quality evaluation: the theoretical and applied aspects. 3. The dialogue of linguistics and translation studies in modern research. 4. The dialogue of psychology and translation studies in modern research. 5. The problems of translation didactics in present-day scientific discussion. 6. Untranslatables: the main approaches to solving this problem. 7. Translation management: the Russian and global experience.
	Theory, History and Methodology of Translation	Theory, History and Methodology of Translation	Russian	
	Legal Translation	Innovative Technology in Translation: English	Russian	
	Simultaneous Translation (German)	Simultaneous Translation	German	
	Simultaneous Translation (English)	Simultaneous Translation	Russian	
	Innovative Technology in Translation: French/ Spanish/Italian (in French/ Spanish/Italian)	Innovative Technology in Translation: French Innovative Technology in Translation: Spanish Innovative Technology in Translation: Italian	French, Spanish, Italian	
	Foreign Languages in International Relations		Russian, English	
	Translation Theory and Practice (Bulgarian and Russian)		Russian	
	Translation in Natural Sciences		Russian, English	
	Foreign Languages and Intercultural Communication in Business and Management		Russian, English	
45.04.02 Linguistics	Russian	Russian Language. Mental Linguistics	Russian	<ol style="list-style-type: none"> 1. Explain how you understand the following statement of the poet and translator Maximilian Voloshin: "We must love dictionaries, because they are a treasury of language". 2. Explain the meaning of the statement of Solon, an Ancient Greek statesman and poet: "Language is the dress of thoughts"

Main field of study title	Programme title	Areas of specialisation (if any)	Language of instruction	Essay topics
		Russian Language: Fieldwork Linguistics. Integral Modelling of Russian Speech		<p>Language is the area of thought.</p> <p>3. Do you agree with the opinion of Erasmus of Rotterdam, a famous philosopher of the Renaissance, that "language is the best intermediary for establishing friendship and harmony"?</p> <p>4. How do you understand the aphorism of the French writer Honore de Balzac: "The key to all sciences is unquestionably the question mark"?</p> <p>5. How can you comment on the words of the Russian physicist I.V. Kurchatov: "Human beings do not live forever, but science and knowledge cross the thresholds of centuries"?</p> <p>6. Explain the following words of the famous physicist Albert Einstein: "Science is not and will never be a closed book."</p> <p>7. What did the German linguist Georg von Gabelentz mean when he said that "a person does not only express something through language, he also expresses himself through it"?</p>
45.04.02 Linguistics	Russian Language and Russian Culture in the Aspect of Teaching Russian as Foreign Language	Russian Language and Russian Culture in the Aspect of Teaching Russian as Foreign Language	Russian	<ol style="list-style-type: none"> 1. The most important things that the bachelor programme has taught me. 2. Does history teach? 3. Why are people so different? 4. Advertising text - is it interesting? 5. Young people today take their time before getting married. 6. Helping people is easy! 7. My project to promote the Russian language in my country.
45.04.02 Linguistics	Theory and History of Language and European Languages	Balkan Studies Baltic Studies English Discourse and Variability Indo-European Linguistics Linguistic Issues in Scandinavian and Dutch Studies Minor Languages and Language Policy Psycho- and Sociolinguistics Romance Languages Linguistic Theory. History of Linguistics. Comparative Poetics Finnish Language and Translation Languages of the Bible	Russian	<ol style="list-style-type: none"> 1. Modern approaches to the analysis of text and discourse. 2. Linguistic and paralinguistic trends in modern linguistic research. 3. The dialogue of linguistics and literary studies in the modern humanitarian paradigm. 4. Linguistic research: from narrow specialisation to the interdisciplinary approach. 5. Methodology and methods of linguistic analysis and the problems of the theory of science. 6. Auxiliary linguistic disciplines in modern interdisciplinary humanitarian studies.
	Foreign Languages	Foreign Languages in Sphere of Professional Communication	Russian	
	Media Discourse in Intercultural Communications: Linguistic, Cultural and Professional Competences		Russian, English	

Main field of study title	Programme title	Areas of specialisation (if any)	Language of instruction	Essay topics
45.04.02 Linguistics	Theory of Teaching Foreign Languages and Intercultural Communication	Theory of Teaching Foreign Languages and Intercultural Communication	Russian	<ol style="list-style-type: none"> 1. Language as a semiotic system. 2. Modern approaches to the analysis of text and discourse. 3. Linguistic and paralinguistic trends in modern linguistic research. 4. The dialogue of linguistics and literary studies in the modern humanitarian paradigm. 5. Linguistic research: from narrow specialisation to the interdisciplinary approach. 6. Methodology and methods of linguistic analysis and the problems of the theory of science. 7. Auxiliary linguistic disciplines in modern interdisciplinary humanitarian studies.
	Test Development		Russian	
	Legal Linguistics		Russian	
46.00.00 HISTORY AND ARCHAEOLOGY				
46.04.01 History	History	Archaeology of Eurasia	Russian	<ol style="list-style-type: none"> 1. North-East Russia in the 13th–15th centuries. Factors of the rise of Moscow. 2. The foreign policy of Peter the Great. 3. Russia in the First World War. 4. Foreign policy of the USSR during the Second World War. 5. The Russian Federation in the 1990s. The benchmarks of economic and political development.
		The Baltic World: History and Culture		
		Modern and Contemporary History		
		History of Russia until Early 20th Century		
		Contemporary History of Russia		
		Russia in the Wars and Social Conflicts of the 20th/21st Centuries		
46.04.01 History	History and Culture of St Petersburg and Leningrad Oblast		Russian	
46.04.01 History	History and Theory of Nations and the Issues of Nationalism		Russian	
46.04.01 History	The Origin of the Modern Western Civilisation		Russian	
46.04.03 Anthropology and Ethnology	Ethnological Assessment		Russian	<ol style="list-style-type: none"> 1. The correlation between ethnography and anthropology 2. The evolutionist concept of culture 3. Anthropogeography, diffusionism — a spatial approach to cultural studies 4. Structural functional school of cultural studies 5. Poststructuralism and postmodernism in ethnography
47.00.00 PHILOSOPHY, ETHICS, AND RELIGIOUS STUDIES				
47.04.01 Philosophy	Philosophical Practices: Classical Antiquity and Modernity		Russian	<ol style="list-style-type: none"> 1. The dialectics of Plato. 2. Basic concepts of the critical philosophy of I. Kant. 3. "Will to power" in the philosophy of F. Nietzsche
	Logical Tools for Information Processing: From Discourse Analysis to Digital Economy Technologies		Russian	
	Law and Politics in Modern Philosophical Discourse		Russian	
	Models of Man in Modern Philosophy and Science		Russian	
	Modern Civilisations of the Orient: Worldview Foundations and Sociocultural Dynamics		Russian	
47.04.02 Applied Ethics	Applied Ethics		Russian	<ol style="list-style-type: none"> 1. The features and relevance of environmental ethics. 2. Ethical problems of business life. 3. The death penalty: the arguments for and against it
47.04.03 Religious Studies	Religious Studies	History of Religions	Russian	<ol style="list-style-type: none"> 1. Functional definitions of religion and their interpretation. 2. The doctrine of God in the philosophy of Spinoza. 3. The main trends of phenomenological religious studies
		Religious Philosophy		
50.00.00 ART STUDIES				
50.04.01 Arts and Humanities	Arts and Humanities	Historical Performance Using Keyboard Musical Instruments	Russian	Practical creative admissions test
50.04.01 Arts and Humanities	Art Criticism	Art Studies	Russian, English	<ol style="list-style-type: none"> 1. Education as a cultural phenomenon. 2. Music as art. 3. Language and thinking. 4. Intercultural communications: main types, content and trends. 5. Art as a form of creativity 6. The main ideas of synergetics
	Music Criticism	Criticism and Theory of Cinematography		
50.04.01 Arts and Humanities	Cognitive Studies	Cognitive Studies	Russian, English	
	Complex Systems in Nature and Society	Complex Systems in Nature and Society	Russian, English	
50.04.01 Arts and Humanities	Curatorial Research	Curatorial Research	Russian, English	
50.04.01 Arts and Humanities	Intercultural Education	Intercultural Education	Russian	
50.04.03 History of Arts	Art Studies (History of Art)	History of Russian Art	Russian	<ol style="list-style-type: none"> 1. Painting and architecture of pre-Mongolian Rus'. 2. The art of Novgorod in the 11th–15th centuries. 3. 14th–16th century Old Russian painting. Theophanes the Greek, Andrei Rublev, Dionisius. 4. Russian art in the reign of Catherine the Great 5. Russian art in the 1920s - 1940s. Artistic groups. The formation of "Socialist realism".
		History of Western European Art		

Main field of study title	Programme title	Areas of specialisation (if any)	Language of instruction	Essay topics
51.00.00 CULTURAL STUDIES AND SOCIOCULTURAL PROJECTS				
51.04.01 Cultural Studies	Russian Cultural Archetypes: Traditions and Modernity		Russian	1. Culture and civilisation. 2. Historical types of culture. 3. Main trends in the development of modern culture
	Russian Sinology Traditions and Chinese Classical Culture		Russian, English	
	Culture and Art in Hungary		Russian, English	
	Culture and Art in Italy		Russian, English	
	Ancient and Medieval Jewish Culture		Russian	
51.04.01 Cultural Studies	Russian Culture (in English)		English	
51.04.04 Museology and Conservation of Cultural and Natural Heritage Sites	Supervisory Control at Museums		Russian	1. Museology as a scientific discipline and profession. 2. The most important museums in your country. 3. The largest museums in the world. 4. Historical and art museums in Russia. 5. Museums of St Petersburg.
	Management of Museum Collections		Russian	
54.00.00 FINE AND APPLIED ARTS				
54.04.01 Design	Graphic Design	Graphic Design	Russian	Presentation of creative projects
54.04.01 Design	Environmental Design	Environmental Design	Russian	
54.04.04 Restoration	Restoration of Fine and Applied Art Objects	Restoration of Applied Art Objects	Russian	
58.00.00 ASIAN AND AFRICAN STUDIES				
58.04.01 Asian and African Studies	Asian and African Studies	Asian and African Politics and International Relations (with Additional Foreign Language Training)	Russian	1. Tradition and innovation in the literary process of the country / region of the target language 2. Principles of constructing the typological classifications of languages. The place of the target language in the typological model 3. Principles of constructing the genealogical classification of languages. The target language in the proposed classification 4. Social and political processes in the countries of Asia and Africa in the 20th–21st centuries (as illustrated by the target language) 5. The role of external economic relations in the economic development at the present stage (as illustrated by the target language) 6. Genres and styles in the Asian and African literatures 7. The economic policy and the results of economic development in contemporary history (as illustrated by the target language country / region) 8. Religious systems and religious social movements in Asia and Africa 9. The manuscript heritage of the Orient: translation and interpretation of texts 10. The Medieval East and West: their material and spiritual culture, cross-cultural relations.
		Asian and African Religions (with Additional Foreign Language Training)		
		Asian and African Cultures (with Additional Foreign Language Training)		
		Asian and African Languages		
		Asian and African History (with Additional Foreign Language Training)		
		Asian and African Literatures		
	Asian and African Economies and International Economic Relations (with Additional Foreign Language Training)			
Islamic Studies	Islamic History and Culture	Russian		
58.04.01 Asian and African Studies	Contemporary China: Economy, Politics, Society (with Additional Chinese Language Training)		Russian	1. Tradition and innovation in the literary process of China 2. The socio-political development of China in the second half of the 20th – 21st centuries. 3. The role of external economic relations in the economic development of the PRC at the present stage 4. Genres and styles in the Chinese literature 5. The economic policy of the PRC at the present stage 6. The main stages of the history of the PRC (1949–2017) 7. Russian-Chinese relations at the present stage
58.04.01 Asian and African Studies	Languages and Cultures of Africa		English	Topics for essays to choose: 1. An outline of the classification of African languages. 2. Typological features of African languages. 3. Africa in modern world: problems and perspectives. 4. African history and the specifics of sources. 5. Cultural specifics of modern African societies.