

125



2023

MASTER'S DEGREE PROGRAMS

for international students

FULL-TIME COURSE



		Non-visa regime countries, RUR per 2023/2024 academic year	Visa regime countries, RUR per 2023/2024 academic year
01.00.00	MATHEMATICS AND MECHANICS		
01.04.02	Applied Mathematics and Informatics	269 000	304 000
01.04.02_01	Applied Mathematics and Bio Informatics		
01.04.02_02	Mathematical Methods of Data Analysis and Visualization		
01.04.03	Mechanics and Mathematical Modeling	269 000	304 000
01.04.03_01	Mechanics of Deformable Solid Body		
01.04.03_03	Mechanics and Digital Manufacturing		
01.04.03_04	Mathematical Modeling in Gas and Oil Industry		
01.04.03_06	Modeling of Physical and Mechanical Properties and Production Technology of Polymers and Composites		
01.04.03_02	Mechanics and Mathematical Modeling (International Program in English)	395 000	395 000
01.04.05	Statistics	269 000	304 000
01.04.05_01	Modeling and Analysis of Big Data in Economy		
02.00.00	COMPUTER AND INFORMATION SCIENCES		
02.04.01	Mathematics and Computer Sciences	269 000	304 000
02.04.01_03	Artificial Intelligence and Machine Learning		
02.04.03	Mathematical Software and Information Systems Administration	269 000	304 000
02.04.03_01	Software Development of Intelligent Information Systems		
03.00.00	PHYSICS AND ASTRONOMY		
03.04.01	Applied Mathematics and Physics	297 000	335 000
03.04.01_02	Physical-Mechanical Modeling and High Performance Computations in Fluid Dynamics		
03.04.01_04	Experimental and Computational Thermophysics		
03.04.01_05	Engineering and Physical Computing and Machine Learning		
03.04.02	Physics	297 000	335 000
03.04.02_03	Nuclear and Elementary Particle Physics in Fundamental and Medical Research		
03.04.02_10	Plasma and Space Physics		
03.04.02_09	Smart Nanostructures and Condensed Matter Physics (International Program in English)	436 000	436 000
03.04.02_11	Advances and Applications in Plasma Physics (International Program in English)	436 000	436 000
07.00.00	ARCHITECTURE		
07.04.03	Architectural Environment Design	297 000	335 000
07.04.03_01	Ecodesign of the Architectural Environment		
07.04.04	Urban Development	297 000	335 000
07.04.04_01	Information Modeling of Urban Development Objects		
08.00.00	EQUIPMENT AND TECHNOLOGY OF CONSTRUCTION		
08.04.01	Civil Engineering	297 000	335 000
08.04.01_06	Organization and Management of Investment and Construction Projects		
08.04.01_11	Engineering Systems of Buildings and Structures		
08.04.01_17	Civil Engineering and Urban Planning		
08.04.01_20	Design and Calculation of Building Structures and Foundations		
08.04.01_22	Highways, Bridges and Transport Tunnels		
08.04.01_24	Designing of Renewable Energy Facilities on the Basis of Digital Technologies		
08.04.01_25	Digital Construction of Buildings and Structures		
08.04.01_26	Digital Design of Hydrotechnical Objects		
08.04.01_12	Civil Engineering (International Program in English)	436 000	436 000
08.04.01_23	Environmental Engineering in Urban Construction (International Program in English)	436 000	436 000
09.00.00	COMPUTER SCIENCE AND ENGINEERING		
09.04.01	Information Science and Computer Engineering	297 000	335 000
09.04.01_15	Applied Software Design Techniques		
09.04.01_20	Design of Intelligent Computer Systems		
09.04.01_17	Intelligent Systems (International Program in English)	436 000	436 000
09.04.02	Information Systems and Technologies	297 000	335 000
09.04.02_04	Systems Analysis and Optimization of Information Systems and Technologies		
09.04.03	Applied Information Science	297 000	335 000
09.04.03_04	Intelligent Technologies of Data and Knowledge Management		
09.04.04	Software Engineering	297 000	335 000
09.04.04_01	Development and Maintenance of a High-Quality Software Product		
09.04.04_02	Fundamentals of Analysis and Development of Applications with Large Amounts of Distributed Data		
09.04.04_03	Machine Learning in Business Management		
11.00.00	ELECTRONICS, RADIO AND COMMUNICATION SYSTEMS		
11.04.01	Radio Engineering	297 000	335 000
11.04.01_03	Applied Radio Physics		
11.04.01_04	Space and Ground-based Radio Engineering Systems		
11.04.02	Infocommunication Technologies and Communication Systems	297 000	335 000
11.04.02_01	Secure Telecommunication Systems		
11.04.02_05	Microelectronics of Telecommunication Systems (International Program in English)	436 000	436 000
11.04.02_07	Laser and Fiber Optic Systems (International Program in English)	436 000	436 000
11.04.04	Electronics and Nanoelectronics	297 000	335 000
11.04.04_06	Engineering in Micro- and Nanoelectronics		
11.04.04_07	Nanoelectronics and Microelectromechanical Systems		
12.00.00	PHOTONICS, INSTRUMENTATION, OPTICAL AND BIOTECHNOLOGY SYSTEMS AND TECHNOLOGY		
12.04.04	Biotechnical Systems and Technologies	297 000	335 000
12.04.04_01	Molecular and Cellular Biomedical Technologies (International Program in English)	297 000	335 000
13.00.00	ELECTRICAL AND HEAT POWER ENGINEERING		
13.04.01	Heat Power Engineering	297 000	335 000
13.04.01_05	Thermotechnical Engineering, Energy Audit and Energy Service		
13.04.01_06	Technology of Electric and Heat Energy Production		
13.04.01_07	Hydrogen Power Engineering		
13.04.01_03	Power Plant Engineering (International Program in English)	436 000	436 000
13.04.02	Electrical and Electrical Power Engineering	297 000	335 000
13.04.02_01	Power Stations and Substations		
13.04.02_02	Electric Power Systems, Electric Grids, Their Modes, Stability and Safety		
13.04.02_04	High Voltage Engineering and Physics		
13.04.02_05	Automation of Power Systems		
13.04.02_24	Power Supply System and Digital Energy-Efficient Technologies		
13.04.02_25	Electrical and Electronic Devices for Digital Control and Distribution of Electricity		
13.04.02_26	Engineering of Electrical Materials and Systems		
13.04.02_27	Electrical Equipment of Distribution Networks and Industrial Enterprises		
13.04.02_28	Ecology of Energy, Autonomous and Renewable Energy		
13.04.02_30	Digital Technologies and Automation Means in Electrical Power Engineering		
13.04.02_21	Electrical Engineering (International Program in English)	436 000	436 000
13.04.03	Power Machine Engineering	297 000	335 000
13.04.03_02	Steam and Gas Turbines		
13.04.03_03	Reciprocating and Hybrid Engines		
13.04.03_05	Compressor, Vacuum, Refrigerating Equipment and Gas Transportation Systems		
13.04.03_06	Hydraulic Machines and Hydro-pneumatic Units		
13.04.03_09	Gas-turbine Units of Gas Transmission Stations		
13.04.03_11	Aviation Engines and Power Plants		
14.00.00	NUCLEAR POWER AND TECHNOLOGY		
14.04.01	Nuclear Power Engineering and Thermal Physics	344 000	389 000
14.04.01_01	Design, Operation and Engineering of NPSs		
14.04.01_03	Nuclear Power Engineering (International Program in English)	506 000	506 000
15.00.00	MECHANICAL ENGINEERING		
15.04.01	Mechanical Engineering	297 000	335 000
15.04.01_01	Processes and Machines for Metal Pressure Processing		
15.04.01_13	Innovative Design of Digital Manufacturing in Mechanical Engineering		
15.04.01_14	Intelligent Technological Developments for Tribotechnical Systems		
15.04.03	Applied Mechanics	297 000	335 000
15.04.03_01	Computational Mechanics and Computer Engineering		
15.04.03_06	Physics of Strength and Plasticity of Materials		
15.04.04	Automation of Technological Processes and Production	297 000	335 000
15.04.04_01	Automation of Technological Machines and Equipment and Intelligent Management Systems		
15.04.05	Design and Technology Support of Mechanical Facilities	297 000	335 000
15.04.05_01	Mechanical Engineering Technology		
15.04.05_03	Automotive Engineering		
15.04.05_05	Quality Assurance of Technological Processes in Mechanical Engineering		
16.00.00	PHYSICAL AND ENGINEERING SCIENCES AND TECHNOLOGY		
16.04.01	Technical Physics	344 000	389 000
16.04.01_01	Semiconductors Physics		
16.04.01_02	Nanoscale Structures of Electronics		
16.04.01_08	Physics of Medical Technology		
16.04.01_10	Medical Biotechnology		
19.00.00	INDUSTRIAL ECOLOGY AND BIOTECHNOLOGY		
19.04.01	Biotechnology	297 000	335 000
19.04.01_01	Bionanotechnology		
19.04.01_02	Biotechnology in Crop Production		
19.04.04	Production Technology and Organization of Catering	297 000	335 000
19.04.04_04	Nutritionology in the Food Industry		
19.04.04_05	Biological Safety of Food Resources		
19.04.05	High-tech Production of Functional and Special Purpose Foods	297 000	335 000
19.04.05_01	High-tech Production of Healthy Foods		
20.00.00	TECHNOSPHERE SAFETY AND ENVIRONMENTAL ENGINEERING		
20.04.01	Technosphere Safety	297 000	335 000
20.04.01_06	Security Management and Emergency Protection		
20.04.01_11	Environmental Safety in Industry		
20.04.01_12	Emergency Preparedness and Response (International Program in English)	436 000	436 000
22.00.00	MATERIALS SCIENCE AND TECHNOLOGY		
22.04.01	Materials Science and Technology of Materials	297 000	335 000
22.04.01_01	Material Science of Nanomaterials and Electronic Components		
22.04.01_10	Materials and Technological Processes of Additive Manufacturing		
22.04.01_12	Composites and Nanomaterials Technology		
22.04.01_08	New Materials and Additive Technologies (International Program in English)	436 000	436 000
22.04.02	Metallurgy	297 000	335 000
22.04.02_03	Basic Welding Theory		
22.04.02_11	Engineering of Metallurgical and Foundry Technologies and Materials		
22.04.02_12	Metal Science and Heat Treatment of Metals and Alloys		
23.00.00	EQUIPMENT AND TECHNOLOGY OF LAND TRANSPORTATION		
23.04.01	Technology of Transportation Processes	297 000	335 000
23.04.01_01	Logistics Systems in Transport and Industrial Enterprises		
23.04.01_02	Digital Control Technologies in Transport Logistics*		
23.04.02	Motor Transport and Technology Systems	297 000	335 000
23.04.02_01	Computer Technology Design of Automated and Electric Cars		
23.04.02_08	Transport and Technology Systems Engineering		
23.04.02_09	Mobile Energy Platforms		
27.00.00	MANAGEMENT IN TECHNICAL SYSTEMS		
27.04.02	Quality Control	297 000	335 000
27.04.02_04	Digital Systems of Organization's Quality Management		
27.04.02_05	Organization and Management of Mechanical Engineering Products Life Cycle		
27.03.04	Control in Engineering Systems	297 000	335 000
27.03.04_07	Distributed Intelligent Control Systems		
27.03.04_08	Cyber Physical Systems and Technologies		
27.03.05	Innovatics	297 000	335 000
27.03.05_11	Innovation Management in the Context of the Organization Digital Transformation		
27.04.06	Management of Knowledge-Intensive Production	297 000	335 000
27.04.06_04	Technology Entrepreneurship		
27.04.06_05	Management of Knowledge-Intensive Production		
27.04.06_03	Technology Leadership and Entrepreneurship (International Program in English)	436 000	436 000
27.04.07	Science-Intensive Technologies and Economics of Innovations	297 000	335 000
27.04.07_01	Economics of Innovations in Energy Sector		
27.04.07_02	Bioeconomics		
27.04.07_03	Economics and Transport Ecosystem Planning		
38.00.00	ECONOMICS AND MANAGEMENT		
38.04.01	Economics	269 000	304 000
38.04.01_04	Finances		
38.04.01_14	Economics and Business Management		
38.04.01_27	Quantitative Finance (International Program in English)	395 000	395 000
38.04.02	Management	269 000	304 000
38.04.02_01	Strategic Management		
38.04.02_15	Oil and Gas Sector Management		
38.04.02_26	Marketing Communications and Market Analytics		
38.04.02_41	International Logistics Systems		
38.04.02_50	Digital Business Management		
38.04.02_51	Business Competitiveness Management*		
38.04.02_30	International Business Development (International Program in English)	395 000	395 000
38.04.03	Human Resource Management	269 000	304 000
38.04.03_01	Enterprise Human Capital Management		
38.04.04	State and Municipal Management	269 000	304 000
38.04.04_01	Organization of State and Municipal Management		
38.04.04_05	Urban Infrastructure and Territory Development Management		
38.04.05	Business Informatics	269 000	304 000
38.04.05_06	Digital Data Management		
38.04.05_02	Business Engineering (International Program in English)	395 000	395 000
38.04.06	Commerce	269 000	304 000
38.04.06_02	Management of Digital Ecosystems in Trade		
38.04.06_04	International Trade Relations (International Program in English)	395 000	395 000
38.04.09	Government Auditing	269 000	304 000
38.04.09_01	Public Resources Digital Audit		
40.00.00	JURISPRUDENCE		
40.04.01	Jurisprudence	269 000	304 000
40.04.01_01	Energy and Environmental Law		
40.04.01_02	Integration Processes and Intellectual Property Law		
41.00.00	POLITICAL AND REGIONAL STUDIES		
41.04.01	Foreign Regional Studies	269 000	304 000
41.04.01_01	European Studies		
41.04.01_02	Asian Studies		
41.04.01_03	Regional Studies: Russian Federation (International Program in English)	395 000	395 000
42.00.00	MASS MEDIA AND INFORMATION-LIBRARY SCIENCE		
42.04.01	Advertising and Public Relations	395 000	395 000
42.04.01_06	Advertising and Communications in the International Sphere (International Program in English)	395 000	395 000
43.00.00	SERVICE AND TOURISM		
43.04.03	Hotel Business	269 000	304 000
43.04.03_01	International Hotel Business		
43.04.03_02	Management of Development of Hotel and Tourist Complexes		
44.00.00	EDUCATION AND PEDAGOGICAL SCIENCES		
44.04.01	Pedagogical Education	395 000	395 000
44.04.01_02	Applied Linguistics and TESOL (International Program in English)	395 000	395 000
45.00.00	LINGUISTICS AND LITERATURE		
45.04.02	Linguistics	269 000	304 000
45.04.02_02	Translation Studies and Intercultural Communication		
45.04.02_05	Teaching Methods of Russian as a Foreign Language and Intercultural Communication		
45.04.01_01	Digital Linguistics (International Program in English)	395 000	395 000
49.00.00	PHYSICAL CULTURE AND SPORTS		
49.04.01	Physical Culture	344 000	389 000
49.04.01_01	Professional Training of Coaches and Teachers in the Field of Physical Culture and Sports		
49.04.01_02	Technical Means and Digital Technologies in Coaches' Work When Training Athletes		
54.00.00	GRAPHIC AND APPLIED ARTS		
54.04.01</			

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