

EDUCATIONAL PROGRAMS

FACULTY OF AUTOMATION AND COMPUTER ENGINEERING

Code	Bachelor's Degree	RUB (per semester)	Entrance exams
09.03.01	Informatics and Computer Engineering Profiles: "Software for computer systems and networks", "Network information technologies"	74,900	Russian <u>Mathematics</u> Physics <i>or</i> Computer Science and ICT
09.03.02	Information Systems and Technologies Profile: "Information systems in industry and business"	74,900	
09.03.03	Applied Computer Science Profile: "Information technologies in the digital economy"	74,900	
09.03.04	Programming Engineering Profile: "Software development technologies"	84,500	
12.03.01	Instrumentation Engineering Profile: "Information measuring technologies"	74,900	
12.03.04	Biotechnical Systems and Technologies Profile: "Biotechnical and robotics systems "	74,900	
27.03.04	Control in Technical Systems Profile: "Automation and control"	74,900	

Code	Master's degree		Entrance exams
09.04.01	Computer Science and Engineering Profiles: "Computer modeling of systems", "Applied information systems and technologies", "Cybersecurity of information systems"	79,350	Mathematics Programming
09.04.03	Applied Computer Science Profile: "Intellectual analysis and management in socio-economic systems"	79,350	
09.04.04	Software Engineering Profiles: "Software development of information systems", "Autonomous intelligent systems"	79,350	
12.04.01	Instrument Making Profiles: "Measuring information technologies", "Information-measuring and control systems in charged particle accelerators"	79,350	
12.04.04	Biotechnical Systems and Technologies Profile: "Intelligent information systems in medicine"	79,350	
27.04.04	Control in Technical Systems Profile: "Complex automation systems"	79,350	

FACULTY OF AIRCRAFT ENGINEERING

Code	Bachelor's Degree		Entrance tests
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05.03.06	Ecology and Nature Management Profile: "Environment safety"	74,900	Russian <u>Biology</u> Chemistry <i>or</i> Computer Science and ICT
15.03.03	Applied Mechanics Profile: "Dynamics and strength"	74,900	Russian <u>Mathematics</u> Physics <i>or</i> Computer Science and ICT
16.03.01	Technical Physics Profile: "Climatic and refrigeration equipment"	91,650	Computer Science and ICT
20.03.01	Technosphere Safety Profiles: "Safety of the operating procedures and production", "Engineering protection of the environment"	74,900	
24.03.03	Ballistics and Hydroaerodynamics Profile: "Hydroaerodynamics"	91,650	
24.03.04	Aircraft Construction Profile: "Aircraft and helicopter construction"	91,650	
25.03.01	Technical Maintenance of Aircrafts and Aircraft Engines Profile: "Technical maintenance of aircraft equipment"	91,650	
27.03.04	Control in Technical Systems Profile: "Autonomous information and control systems"	74,900	
Code	Specialist's Degree		Entrance tests

24.05.07	Aircraft Construction Profile: "Life support systems and aircraft equipment"	99,850	Russian <u>Mathematics</u> Physics <i>or</i> Computer Science and ICT
Code	Master's degree		Entrance tests
15.04.03	Applied Mechanics Profile: "Dynamics and strength of machines"	79,350	Mathematics Strength of Materials
20.04.01	Technosphere Safety Profile: "Engineering protection of the environment"	79,350	Chemistry Engineering Ecology and Fundamentals of Natural Resource Management
24.04.04	Aircraft Construction Profiles: "Aircraft construction", "Life support systems and aircraft equipment"	96,125	Computer Science Aircraft Design and Construction
25.04.01	Technical Maintenance of Aircrafts and Aircraft Engines Profile: "Technical operation of aircraft and engines"	96,125	
24.04.03	Ballistics and Hydroaerodynamics Profile: "Hydroaerodynamics"	96,125	Computer Science Aerodynamics
27.04.04	Control in Technical Systems Profile: "Autonomous information and control systems"	79,350	Computer Science Mathematics

FACULTY OF MECHANICAL ENGINEERING AND TECHNOLOGIES

Code	Bachelor's Degree		Entrance tests
15.03.02	Technological Machinery and Equipment Profile: "Digital design of technological machines and complexes"	74,900	Russian <u>Mathematics</u> Physics <i>or</i> Computer Science and ICT
15.03.04	Automation of Technological Processes and Production Profile: "Automation of technological processes and production in mechanical engineering"	74,900	
15.03.05	Construction and Technological Support in Mechanical Engineering Profiles: "Mechanical engineering technology", "Design of technological machines"	74,900	
15.03.06	Mechatronics and Robotics Profile: "Robotic systems and complexes"	74,900	
22.03.01	Materials Science and Material Technologies Profile: "Materials science and engineering materials technology"	74,900	
23.03.03	Maintenance of Transportation and Technological Machinery and Systems Profile: "Car service and brand service"	74,900	

28.03.02	Nanoengineering Profile: "Nanoengineering in mechanical engineering"	91,650	
29.03.04	Technology of Material Art Processing Profile: "Technology of artistic materials processing"	74,900	
18.03.01	Chemical Technology Profiles: "Chemical technologies of functional materials", "Basic processes in chemical technology of carbon materials and natural energy carriers"	74,900	Russian <u>Mathematics</u> Chemistry <i>or</i> Computer Science and ICT
Code	Master's degree		Entrance tests
15.04.05	Construction and Technological Support in Mechanical Engineering Profiles: "Design of technological machines", "Modern technologies in mechanical engineering", "Additive manufacturing"	79,350	Technology of Structural Materials Machine Elements and Fundamentals of Design
18.04.01	Chemical Technology Profile: "Chemical technology of composite and functional materials"	79,350	Physical and Colloidal Chemistry General Chemical Technology
22.04.01	Materials Science and Material Technologies Profile: "Materials science, technology of obtaining and processing materials with special properties" Tracks: <i>"Materials science, obtaining and processing materials technology; Synchrotron, neutron and</i>	79,350	Technology of Structural Materials Materials Science

	<i>electronic methods of materials research"</i>		
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FACULTY OF MECHATRONICS AND AUTOMATION

Code	Bachelor's Degree		Entrance tests
13.03.02	Electrical Power Engineering and Electrical Engineering Profiles: "Electrical engineering, electromechanics and electrotechnics", "Mechatronic modules of robotic complexes"	74,900	Russian <u>Mathematics</u> Physics <i>or</i> Computer Science and ICT
15.03.04	Automation of Technological Processes and Production Profile: "Automation of technological procedures and production in the oil and gas industry"	74,900	
Code	Master's degree		Entrance tests
13.04.02	Electrical Power Engineering and Electrical Engineering Profiles: "Energy efficiency increase of electric transport systems", "Electromechanics and mechatronics", "Mechatronic and automated complexes and systems", "Automated electrotechnological complexes", "Artificial intelligence in the management	79,350	Computer Science Theoretical Fundamentals of Electrical Engineering

	of electric power and electrical engineering facilities" "Mechatronics and automation" <i>instructed in English</i>		
15.04.04	Automation of Technological Processes and Production Profile: "Automation of technological processes of oil and gas production"	79,100	
27.04.04	Control in Technical Systems Profile: "Artificial intelligence in industrial automation"	79,350	

FACULTY OF APPLIED MATHEMATICS AND COMPUTER SCIENCE

Code	Bachelor's Degree		Entrance tests
01.03.02	Applied Mathematics and Computer Science Profile: "Computer modeling and information technology"	65,000	Russian <u>Mathematics</u> Physics <i>or</i> Computer Science and ICT
02.03.03	Mathematical Support and Administration of Information Systems Profile: "Artificial intelligence systems"	65,000	
Code	Master's degree		Entrance tests

01.04.02	Applied Mathematics and Computer Science Profile: "Computer modeling, high-tech software and bioinformatics"	69,600	Computer Science Mathematics
02.04.03	Mathematical Support and Administration of Information Systems Profile: "Artificial intelligence systems and machine learning"	69,600	

FACULTY OF RADIO ENGINEERING AND ELECTRONICS

Code	Bachelor's Degree		Entrance tests
11.03.01	Radio Engineering Profile: "Radioengineering devices for signals transmitting, receiving and processing"	74,900	Russian <u>Mathematics</u> Physics <i>or</i> Computer Science and ICT
11.03.02	Information and Communication Technologies and Telecommunication Systems Profiles: "Mobile communication systems", "Multichannel telecommunication systems", "Digital broadcasting"	74,900	
11.03.03	Construction and Technology of Electronic Tools Profile: "Design and technology of radio-electronic devices"	74,900	
11.03.04	Electronics and Nanoelectronics Profiles: "Microelectronics and nanoelectronics", "Industrial electronics", "Electronic devices"	74,900	

28.03.01	Nanotechnology and Microsystem Engineering Profile: "Semiconductor micro- and nanosystems"	91,650	
Code	Master's degree		Entrance tests
11.04.01	Radio Engineering Profile: "Radioengineering systems" <i>Tracks: Systems and devices for signals transmitting, receiving and processing; Statistical Methods for Signal and Image Processing</i>	79,350	Computer Science Electronics, Radio Engineering and Communication Systems
11.04.02	Information and Communication Technologies and Telecommunication Systems Profile: "Telecommunications" <i>Tracks: Data processing methods in telecommunication systems; Multichannel telecommunication systems; Systems and devices of information transmission, reception and processing</i>	79,350	
11.04.03	Construction and Technology of Electronic Tools Profile: "Radio engineering and communication devices"	79,350	
11.04.04	Electronics and Nanoelectronics Profile: "Electronic and microelectronic systems" <i>instructed in Russian and English</i>	79,350	

28.04.01	Nanotechnology and Microsystem Engineering Profiles: "Materials of micro- and nanosystem technology", "Components of micro- and nanosystem technology"	96,125	
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FACULTY OF PHYSICAL ENGINEERING

Code	Bachelor's Degree		Entrance tests
03.03.02	Physics Profiles: "Nuclear physics and nuclear technology", "Biophysics and Biotechnology"	74,900	Russian <u>Mathematics</u> Physics <i>or</i> Computer Science and ICT
12.03.05	Laser Systems and Technologies Profile: "Laser systems and quantum technologies"	74,900	
12.03.03	Photonics and Optical Computing Profile: "Optical and quantum information technologies"	74,900	
16.03.01	Technical Physics Profile: "Intellectual geophysical systems in the oil and gas industry"	91,650	Russian <u>Mathematics</u> Physics <i>or</i> Chemistry
Code	Specialist's Degree		Entrance tests
55.05.03	Camera Work Profile: "TV camera operator"	127350	Russian <u>Literature</u> Mathematics <i>or</i> English
Code	Master's degree		Entrance tests

03.04.02	Physics Profiles: "Experimental Physics", "Biophysics and Biotechnology"	79,350	Physics Mathematics
11.04.01	Radio Engineering Profile: "Radiophysical research methods"	79,350	
12.04.02	Optical Engineering Profile: "Optical systems of location, communication and data processing"	79,350	
16.04.01	Technical Physics Profiles: "Laser systems in science and Technology", "Intelligent geophysical systems in oil and gas industry"	96,125	

FACULTY OF POWER ENGINEERING

Code	Bachelor's Degree		Entrance tests
13.03.01	Heat and Power and Thermal Engineering Profile: "Heat and electricity production"	74,900	Russian <u>Mathematics</u> Physics <i>or</i> Computer Science and ICT
20.03.01	Technosphere Safety Profile: "Life safety in technosphere"	74,900	
13.03.02	Electrical Power Engineering and Electrical Engineering Profiles: "Electric power industry", "Digital technologies in the electric power industry", "Electric power industry:	74,900	

	economics and management at energy enterprises"		
Code	Master's degree		Entrance tests
13.04.01	Heat and Power and Thermal Engineering Profile: "Heat and electricity production"	79,350	Computer Science Heat and Power Engineering
13.04.02	Electrical Power Engineering and Electrical Engineering Profile: "Power Supply Systems and Control of Power Supply Systems", "Engineering and Electrical Physics of High Voltages", "Electric Power Systems and Networks", "Relay protection and automation of electrical power systems", "Intellectual Electrical Power plants and systems", "Electric power industry: economics and management at energy enterprises", "Control of Electrical Power Systems" "Intelligent electric power systems" <i>Joint educational program with UrFU</i>	79,350	Electrical Power Plants and Electric Power Systems Engineering and Electrical Physics of High Voltages
20.04.01	Technosphere Safety Profile: "Life safety in technosphere"	79,350	Ecology Safety in Technosphere

FACULTY OF BUSINESS

Code	Bachelor's Degree		Entrance tests
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38.03.01	Economics Profiles: "Economics of Enterprises and Investments", "Audit and Finance"	67,500	Russian <u>Mathematics</u> Social studies <i>or</i> Computer Science and ICT
38.03.02	Management Profiles: "Marketing", "Logistics", "Business Administration", "Industrial Management and Technological Entrepreneurship", "Management in tourism industry" "Business management of production systems" <i>joint educational program with D.Serikbayev EKSTU</i>	74,500	
38.03.05	Business Informatics Profile: "Data analysis technologies in business and management"	67,500	
19.03.04	Food Technology and Catering Profiles: "Product technology and management of enterprises in the food industry", "Safety and quality of food products"	75,100	Russian <u>Mathematics</u> Chemistry <i>or</i> Biology
Code	Specialist's Degree		Entrance tests
38.05.01	Economic Security Profile: "Economic and legal support of economic security"	67,500	Russian <u>Mathematics</u> Social studies <i>or</i> Computer Science and ICT

Code	Master's degree		Entrance tests
38.04.01	Economics Profiles: "Audit and Financial Consulting", "International Business"	69,600	English Economics of the Enterprise (for the profile: "Audit and financial consulting") Economic Theory (for the profile: "International business")
38.04.02	Management Profiles: "Global innovation and technology management", "Production management and marketing" tracks: <i>Business management of production systems; Marketing and market analytics; Production management of power engineering</i> "Corporate HR management", "Business management of production systems", "Technological entrepreneurship", "Corporate HR management and HR analytics"	69,600	English Management
19.04.04	Food Technology and Catering Profile: "Product technology and management of enterprises in food industry"	79,350	English Organization of Production and Food Product Technology

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FACULTY OF HUMANITIES

Code	Bachelor's Degree		Entrance tests
37.03.01	Psychology Profiles: "Psychology of management and coaching", "Psychology of personality and psychological counseling"	65,800	Russian <u>Biology</u> Mathematics <i>or</i> Social studies

39.03.01	Sociology Profiles: "Sociology of advertising and public relations", "Sociology of management and marketing"	65,250	Russian <u>Social studies</u> Mathematics <i>or</i> History
41.03.01	Regional Studies Profiles: "European Studies", "Asian Studies"	70,000	Russian <u>History</u> English <i>or</i> Social Studies
45.03.01	Philology (Russian Language and Literature) Profiles: "Applied Philology", "Philological provision of journalism "	65,250	Russian <u>Literature</u> Social Studies <i>or</i> History
45.03.02	Linguistics (Foreign Languages) Profiles: "Translator of English and Russian sign language", "Theory and methods of teaching foreign languages and cultures", "Translation and translation studies"	70,000	Russian <u>English</u> Social Studies <i>or</i> History
Code	Master's degree		Entrance tests
37.04.01	Psychology Profiles: "Social and organizational psychology", "Psychological counseling and psychotherapy"	69,600	English General psychology
39.04.01	Sociology Profile: "Sociology of communications"	69,600	English Fundamentals of Sociology

44.04.01	Teacher Education Profiles: "Teaching foreign languages in digital environments", "Teaching Russian as a foreign language"	69,600	English Pedagogy and Psychology
41.04.01	Regional Studies Profile: "Trans-regional cooperation between Russia and China"	69,600	English History
45.04.01	Philology (Russian Language and Literature) Profile: "Applied communication studies"	69,600	English Fundamentals of Language Theory and Communication

INSTITUTE OF SOCIAL TECHNOLOGIES

Code	Bachelor's Degree		Entrance tests
39.03.02	Social Work Profile: "Organization and management in the field of social work"	64,950	Russian <u>History</u> Social Studies <i>or</i> English
37.03.02	Conflictology Profile: "Conflict management"	64,950	Russian <u>Social studies</u> English <i>or</i> Social Studies
40.03.01	Legal Support in Social Work Profile: "Legal support of the social sphere"	64,950	