



POLYTECH

2021



# BACHELOR'S DEGREE PROGRAMS

for international students

FULL-TIME COURSE

		Non-visa regime countries, RUR per 2021/2022 academic year	Visa regime countries, RUR per 2021/2022 academic year
<b>01.00.00</b>	<b>MATHEMATICS AND MECHANICS</b>		
01.03.02	<b>Applied Mathematics and Informatics</b> .....	204200	213800
	Mathematical Modeling and Artificial Intelligence		
	Software Engineering		
01.03.03	<b>Mechanics and Mathematical Modeling</b> .....	204200	213800
	Mathematics and Informatics in Economics		
	Mechanics and Mathematical Modeling Media with Microstructure		
	Biomechanics and Medical Engineering		
<b>02.00.00</b>	<b>COMPUTER AND INFORMATION SCIENCES</b>		
02.03.01	<b>Mathematics and Computer Sciences</b> .....	204200	213800
	Computational, Programmatic, Informational Systems and Computer Technologies		
	High-Performance Cloud Computing and Robot Software		
02.03.02	<b>Fundamental Computer Science and Information Technology</b> .....	204200	213800
	Information Science and Computer Engineering		
02.03.03	<b>Mathematical Software and Information Systems Administration</b> .....	204200	213800
	Information Systems and Databases		
<b>03.00.00</b>	<b>PHYSICS AND ASTRONOMY</b>		
03.03.01	<b>Applied Mathematics and Physics</b> .....	225800	236200
	Mathematical and Experimental Modeling in Continuum Mechanics		
03.03.02	<b>Physics</b> .....	225800	236200
	Nuclear and Elementary Particle Physics		
	Nanostructures: Physics and Technology		
	Biochemical Physics		
	Plasma Physics		
	Space Physics		
<b>08.00.00</b>	<b>EQUIPMENT AND TECHNOLOGY OF CONSTRUCTION</b>		
08.03.01	<b>Civil Engineering</b> .....	225800	236200
	Civil Engineering and Urban Planning		
	Hydrotechnical Engineering		
	Industrial and Civil Engineering in Difficult Ground Conditions		
	Industrial and Civil Constructions of Unique Buildings		
	Motorway Engineering		
	Bridges and Tunnels		
<b>09.00.00</b>	<b>COMPUTER SCIENCE AND ENGINEERING</b>		
09.03.01	<b>Computer Science and Engineering</b> .....	225800	236200
	Software Engineering for Computers and Computer-based Systems		
	Embedded Control Systems		
09.03.02	<b>Information Systems and Technologies</b> .....	225800	236200
	Information Systems and Technologies		
09.03.03	<b>Applied Information Science</b> .....	225800	236200
	Applied Informatics in the Information Field		
09.03.04	<b>Software Engineering</b> .....	225800	236200
	Development and Maintenance of Quality Software Product		
	Software Product Development		
<b>11.00.00</b>	<b>ELECTRONICS, RADIO AND COMMUNICATION SYSTEMS</b>		
11.03.01	<b>Radio Engineering</b> .....	225800	236200
	Systems and Devices for Transmission, Reception and Processing of Signals		
11.03.02	<b>Infocommunications Technologies and Communication Systems</b> .....	225800	236200
	Mobile Communication Systems		
	Optical Telecommunication Systems		
	Secure Systems and Communication Networks		
	Science and Engineering of Optical Interconnection		

11.03.04	<b>Electronics and Nanoelectronics</b> ..... Integral Electronics and Nanoelectronics Microelectronics and Solid-State Electronics Nanotechnology in Electronics	225800	236200
12.00.00	<b>PHOTONICS, INSTRUMENTATION, OPTICAL AND BIOTECHNOLOGY SYSTEMS AND TECHNOLOGY</b>		
12.03.04	<b>Biotechnical Systems and Technologies</b> ..... Medical and Bioengineering Physics	225800	236200
13.00.00	<b>ELECTRICAL AND HEAT POWER ENGINEERING</b>		
13.03.01	<b>Heat Power Engineering</b> ..... Industrial Heat and Power Engineering Thermal Stations	225800	236200
13.03.02	<b>Electrical Power Engineering</b> ..... Electric Power Plants Electrical Protective Relays and Automated Electrical Systems Electrical Equipment Systems for Enterprises, Organizations and Establishments Exploitation of Electric Networks Equipment (Engineering degree) Electric Drives and Automated Technology Electrotechnical Units and Systems	225800	236200
13.03.03	<b>Power Machine Engineering</b> ..... Gas Turbines, Steam Turbines and Engines Internal Combustion Engines Hydraulic Machines and Hydro Pneumatic Aggregates Compressors and Refrigerating Machinery Aircraft Engines and Power Systems Gas Turbine Compressor Units Boilers, Combustion Chambers and Steam Generators	225800	236200
15.00.00	<b>MECHANICAL ENGINEERING</b>		
15.03.01	<b>Mechanical Engineering</b> ..... Electrophysical and Electrochemical Technologies in Mechanical Engineering Virtual Prototyping Technology in Mechanical Engineering Engineering / Quality and Innovation Equipment and Technology for Welding Engineering Machines and Technology for Welding Engineering Machines and Fabricating Technology Equipment and Technology for Wear Resistance Increase of Machine Parts and Mechanisms	225800	236200
15.03.02	<b>Technological Machines and Equipment</b> ..... Printing Machines and Automated Systems	225800	236200
15.03.03	<b>Applied Mechanics</b> ..... Computational Mechanics and Computer Engineering Experimental Mechanics of Materials and Structural Elements	225800	236200
15.03.04	<b>Automation of Technological Processes and Production</b> ..... Automation of Technological Machines and Equipment Automation of Technological Processes and Manufacturing	225800	236200
15.03.05	<b>Design and Technology Support of Mechanical Facilities</b> ..... Mechanical Engineering Technology Metal-Working Machines and Complexes Automotive Engineering Technology	225800	236200
16.00.00	<b>PHYSICAL AND ENGINEERING SCIENCES AND TECHNOLOGY</b>		
16.03.01	<b>Technical Physics</b> ..... Physical and Biomedical Electronics Semiconductor Physics and Nanoelectronics Condensed Matter Physics Radiophysics and Electronics	258000	270000
19.00.00	<b>INDUSTRIAL ECOLOGY AND BIOTECHNOLOGY</b>		
19.03.01	<b>Biotechnology</b> ..... Food Biotechnology Biotechnology of Food Staples and Secondary Bioresources Processing	225800	236200

19.03.04	<b>Production Technology and Organization of Catering</b> .....	225800	236200
	Production Technology and Catering		
	Technology and Organization of Industrial Production of Cooking Products and Confectioneries		
<b>20.00.00</b>	<b>TECHNOSPHERE SAFETY AND ENVIRONMENTAL ENGINEERING</b>		
20.03.01	<b>Technosphere Safety</b> .....	225800	236200
	Engineered Safety Features		
	Protection in Emergencies		
	Process and Production Safety		
	Fire Safety		
<b>22.00.00</b>	<b>MATERIALS SCIENCE AND TECHNOLOGY</b>		
22.03.01	<b>Materials Science and Technology of Materials</b> .....	225800	236200
	Materials Science and Technology of New Materials		
	Laser Technologies in Materials Processing		
	Engineering and Metal Craft		
22.03.02	<b>Metallurgy</b> .....	225800	236200
	Welding Metallurgy		
	Metallurgical and Foundry Technologies		
	Welding, Metal Shaping and Treating		
	Metallurgical Technologies		
<b>23.00.00</b>	<b>ENGINEERING AND TECHNOLOGIES OF GROUND TRANSPORT</b>		
23.03.01	<b>Transportation Technologies</b> .....	225800	236200
	Transportation and Logistics Technologies		
	Service of Transport and Technological Machines		
23.03.02	<b>Ground Transport Technological Complexes</b> .....	225800	236200
	Automobile Construction and Car Servicing		
	Transport and Technological Complexes		
<b>27.00.00</b>	<b>MANAGEMENT IN TECHNICAL SYSTEMS</b>		
27.03.04	<b>Control in Engineering Systems</b> .....	225800	236200
	Systems and Technical Means of Automation and Control		
	Intelligent Information Processing and Control		
	Traffic Control Systems		
<b>38.00.00</b>	<b>ECONOMICS AND MANAGEMENT</b>		
38.03.01	<b>Economics</b> .....	204200	213800
	Economics and Business Management		
	Accounting, Analysis and Audit		
	World Economy and International Economic Relations		
	Energy Economics		
	Economics in Services		
	<b>Digital Enterprise (International Education Program in English)</b> .....	<b>277800</b>	<b>277800</b>
38.03.02	<b>Management</b> .....	204200	213800
	Business Administration		
	Construction Management		
	Production Management (Energy Industry)		
	Marketing		
	International Logistics		
	Strategic Management		
	International Management		
	Hospitality Management		
	Management in Trade and Food Industry		
	Real Estate Management		
	Sport Management		
	<b>International Business (International Education Program in English)</b> .....	<b>277800</b>	<b>277800</b>

<b>38.00.00</b>	<b>ECONOMICS AND MANAGEMENT</b>		
38.03.03	<b>Human Resource Management</b> .....	204200	213800
	Human Resource Management		
38.03.04	<b>State and Municipal Management</b> .....	204200	213800
	Organization of State and Municipal Management		
	State and Municipal Management in Tourism		
	Customs Management		
38.03.05	<b>Business Informatics</b> .....	204200	213800
	Electronic Business		
	Enterprise Architecture		
38.03.06	<b>Commerce</b> .....	204200	213800
	International Trade		
	Marketing in Commerce		
	Logistic Systems in Trade		
	Organization and Business Management in Trade		
	Organization of Custom Processes in Foreign Trade		
	<b>International Trade (International Education Program in English)</b> .....	<b>277800</b>	<b>277800</b>
<b>40.00.00</b>	<b>JURISPRUDENCE</b>		
40.03.01	<b>Jurisprudence</b> .....	204200	213800
	Law and Social Theory		
	Civil Law and Innovation and Industry Expertise in Energy Sector		
	Criminal Law and Forensic Expertise in Natural Resources Management		
<b>41.00.00</b>	<b>POLITICAL AND REGIONAL STUDIES</b>		
41.03.01	<b>Foreign Regional Studies</b> .....	204200	213800
	European Studies		
	Asian Studies		
<b>42.00.00</b>	<b>MASS MEDIA AND INFORMATION AND LIBRARY SCIENCE</b>		
42.03.01	<b>Advertising and Public Relations</b> .....	204200	213800
	Advertising in the Area of International Cooperation		
	Advertising and Public Relations of Industries (Public Relations)		
	Advertising and Public Relations of Public Administration System		
42.03.03	<b>Publishing</b> .....	204200	213800
	Publishing		
<b>43.00.00</b>	<b>SERVICE AND TOURISM</b>		
43.03.02	<b>Tourism</b> .....	204200	213800
	Tourist Activities		
43.03.03	<b>Hotel Business</b> .....	204200	213800
	Hotel and Restaurant Industries		
<b>44.00.00</b>	<b>EDUCATION AND PEDAGOGICAL SCIENCE</b>		
44.03.02	<b>Psychological and Pedagogical Education</b> .....	204200	213800
	Psychological Counseling		
<b>45.00.00</b>	<b>LINGUISTICS AND LITERATURE</b>		
45.03.02	<b>Linguistics</b> .....	204200	213800
	Theory and Methods of Foreign Language and Culture Teaching		
	Translation and Interpretation Studies		
	Teaching Russian as a Foreign Language		
<b>54.00.00</b>	<b>GRAPHIC AND APPLIED ARTS</b>		
54.03.01	<b>Design</b> .....	372000	389200
	Information Design		
	Graphic Design		
	Environmental Design		
	Industrial Design		

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