



POLYTECH



2020



# BACHELOR'S DEGREE PROGRAMS

for international students

FULL-TIME COURSE

<b>01.00.00</b>	<b>MATHEMATICS AND MECHANICS</b>		
01.03.02	<b>Applied Mathematics and Informatics</b> .....	198000	207000
	Mathematical Modeling		
	Software Engineering		
	Mathematics and Informatics in Economics		
	Bioinformatics		
01.03.03	<b>Mechanics and Mathematical Modeling</b> .....	198000	207000
	Mechanics and Mathematical Modeling Media with Microstructure		
<b>02.00.00</b>	<b>COMPUTER AND INFORMATION SCIENCES</b>		
02.03.01	<b>Mathematics and Computer Sciences</b> .....	198000	207000
	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> .....	198000	207000
	Information Science and Computer Engineering		
02.03.03	<b>Mathematical Software and Information Systems Administration</b> .....	198000	207000
	Information Systems and Databases		
<b>03.00.00</b>	<b>PHYSICS AND ASTRONOMY</b>		
03.03.01	<b>Applied Mathematics and Physics</b> .....	210200	219600
	Mathematical and Experimental Modeling in Continuum Mechanics		
03.03.02	<b>Physics</b> .....	210200	219600
	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> .....	210200	219600
	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> .....	210200	219600
	Computing Machines, Complexes, Systems and Networks		
	Software Development Technologies		
09.03.02	<b>Information Systems and Technologies</b> .....	210200	219600
	Information Systems and Technologies		
09.03.03	<b>Applied Information Science</b> .....	210200	219600
	Applied Informatics in the Information Field		
09.03.04	<b>Software Engineering</b> .....	210200	219600
	Development and Maintenance of Software Product		
<b>11.00.00</b>	<b>ELECTRONICS, RADIO AND COMMUNICATION SYSTEMS</b>		
11.03.01	<b>Radio Engineering</b> .....	210200	219600
	Systems and Devices for Transmission, Reception and Processing of Signals		
11.03.02	<b>Infocommunication Technologies and Communication Systems</b> .....	210200	219600
	Mobile Communication Systems		
	Optical Telecommunication Systems		
	Secure Systems and Communication Networks		

11.03.04	<b>Electronics and Nanoelectronics</b> . . . . .	210200	219600
	Integral Electronics and Nanoelectronics		
	Radio Physics and Electronics		
	Microelectronics and Solid-State Electronics		
<b>12.00.00</b>	<b>PHOTONICS, INSTRUMENTATION, OPTICAL AND BIOTECHNOLOGY SYSTEMS AND TECHNOLOGY</b>		
12.03.04	<b>Biotechnical Systems and Technologies</b> . . . . .	210200	219600
	Medical and Bioengineering Physics		
<b>13.00.00</b>	<b>ELECTRICAL AND HEAT POWER ENGINEERING</b>		
13.03.01	<b>Heat Power Engineering</b> . . . . .	210200	219600
	Industrial Heat and Power Engineering		
13.03.02	<b>Electrical Power Engineering</b> . . . . .	210200	219600
	High-Voltage Engineering and Physics		
	Electric Power Systems and Networks		
	Electric Power Plants		
	Electrical Protective Relays and Automated Electrical Systems		
	Power Supply Systems		
	Electro Mechanics		
	Electrical and Electronic Devices		
	Electrical Equipment Systems for Enterprises, Organizations and Establishments		
	Exploitation of Electric Networks Equipment (Engineering degree)		
13.03.03	<b>Power Machine Engineering</b> . . . . .	210200	219600
	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		
<b>14.00.00</b>	<b>NUCLEAR POWER AND TECHNOLOGY</b>		
14.03.01	<b>Nuclear Power Engineering and Thermal Physics</b> . . . . .	264000	276000
	Nuclear Power Plants and Units		
<b>15.00.00</b>	<b>MECHANICAL ENGINEERING</b>		
15.03.01	<b>Mechanical Engineering</b> . . . . .	210200	219600
	Equipment and Technology for Durability Enhancement and Component Renewal		
	Electrophysical and Electrochemical Technologies in Mechanical Engineering		
	Virtual Prototyping Technology in Mechanical Engineering		
15.03.02	<b>Technological Machines and Equipment</b> . . . . .	210200	219600
	Printing Machines and Automated Systems		
15.03.03	<b>Applied Mechanics</b> . . . . .	210200	219600
	Computational Mechanics and Computer Engineering		
	Experimental Mechanics of Materials and Structural Elements		
15.03.04	<b>Automation of Technological Processes and Production</b> . . . . .	210200	219600
	Automation of Technological Machines and Equipment		
15.03.05	<b>Design and Technology Support of Mechanical Facilities</b> . . . . .	210200	219600
	Mechanical Engineering Technology		
	Metal-Working Machines and Complexes		
<b>16.00.00</b>	<b>PHYSICAL AND ENGINEERING SCIENCES AND TECHNOLOGY</b>		
16.03.01	<b>Technical Physics</b> . . . . .	264000	276000
	Physical and Biomedical Electronics		
	Semiconductor Physics and Nanoelectronics		

<b>19.00.00</b>	<b>INDUSTRIAL ECOLOGY AND BIOTECHNOLOGY</b>		
19.03.01	<b>Biotechnology</b> .....	210200	219600
	Food Biotechnology		
	Biotechnology of Food Staples and Secondary Bioresources Processing		
19.03.04	<b>Production Technology and Organization of Catering</b> .....	210200	219600
	Production Technology and Organization of Restaurant Business		
	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> .....	210200	219600
	Technosphere Safety		
<b>22.00.00</b>	<b>MATERIALS SCIENCE AND TECHNOLOGY</b>		
22.03.01	<b>Materials Science and Technology of Materials</b> .....	210200	219600
	Materials Science and Technology of New Materials		
	Laser Technologies in Materials Processing		
22.03.02	<b>Metallurgy</b> .....	210200	219600
	Intelligent Technologies in Metallurgy		
	Welding Metallurgy		
<b>23.00.00</b>	<b>ENGINEERING AND TECHNOLOGIES OF GROUND TRANSPORT</b>		
23.03.01	<b>Transportation Technologies</b> .....	210200	219600
	Transportation and Logistics Technologies		
23.03.02	<b>Ground Transport Technological Complexes</b> .....	210200	219600
	Loadlifting, Construction, Road Machines and Equipment		
	Automobile Construction and Car Servicing		
<b>27.00.00</b>	<b>MANAGEMENT IN TECHNICAL SYSTEMS</b>		
27.03.02	<b>Quality Control</b> .....	210200	219600
	Information Technologies in Quality Control		
27.03.03	<b>Systems Analysis and Control</b> .....	210200	219600
	Theory and Mathematical Methods of System Analyses and Management in Technical, Economic and Social Systems		
27.03.04	<b>Control in Engineering Systems</b> .....	210200	219600
	Systems and Technical Means of Automation and Control		
	Intelligent Information Processing and Control		
27.03.05	<b>Innovations</b> .....	210200	219600
	Innovation Management		
<b>38.00.00</b>	<b>ECONOMICS AND MANAGEMENT</b>		
38.03.01	<b>Economics</b> .....	198000	207000
	Economics and Business Management		
	Accounting, Analysis and Audit		
	World Economy: Financial Markets and Institutions		
	Finance and Credit		
38.03.02	<b>Management</b> .....	198000	207000
	Business Administration		
	Construction Management		
	Production Management (Energy Industry)		
	Marketing		
	International Logistics		
	Strategic Management		
	International Management		
	<b>International Business (International Educational Program in English)</b> .....		269000

<b>38.00.00</b>	<b>ECONOMICS AND MANAGEMENT</b>		
38.03.03	<b>Human Resource Management</b> .....	198000	207000
	Human Resource Management		
	Human Resource Management in Sport Industry		
38.03.04	<b>State and Municipal Management</b> .....	198000	207000
	Organization of State and Municipal Management		
	State and Municipal Management in Tourism		
	Customs Management		
38.03.05	<b>Business Informatics</b> .....	198000	207000
	Business Administration Structures		
	Electronic Business		
38.03.06	<b>Commerce</b> .....	198000	207000
	International Trade		
	Marketing in Commerce		
	Logistic Systems in Trade		
	Organization and Business Management in Trade		
<b>40.00.00</b>	<b>JURISPRUDENCE</b>		
40.03.01	<b>Jurisprudence</b> .....	198000	207000
	Law and Social Theory		
	Civil Law and Innovation and Industry Expertise in Energy Sector		
<b>41.00.00</b>	<b>POLITICAL AND REGIONAL STUDIES</b>		
41.03.01	<b>Foreign Regional Studies</b> .....	198000	207000
	Foreign Regional Studies		
<b>42.00.00</b>	<b>MASS MEDIA AND INFORMATION AND LIBRARY SCIENCE</b>		
42.03.01	<b>Advertising and Public Relations</b> .....	198000	207000
	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> .....	198000	207000
	Publishing		
<b>43.00.00</b>	<b>SERVICE AND TOURISM</b>		
43.03.01	<b>Service</b> .....	198000	207000
	Service in Real Estate Sector		
43.03.02	<b>Tourism</b> .....	198000	207000
	Tourist Activities		
43.03.03	<b>Hotel Business</b> .....	198000	207000
	Hotel and Restaurant Industries		
<b>44.00.00</b>	<b>EDUCATION AND PEDAGOGICAL SCIENCE</b>		
44.03.02	<b>Psychological and Pedagogical Education</b> .....	198000	207000
	Psychology of Professional Activity		
<b>45.00.00</b>	<b>LINGUISTICS AND LITERATURE</b>		
45.03.02	<b>Linguistics</b> .....	198000	207000
	Theory and Methods of Foreign Language and Culture Teaching		
	Theory of Translation		
	Teaching Russian as a Foreign Language		
<b>54.00.00</b>	<b>GRAPHIC AND APPLIED ARTS</b>		
54.03.01	<b>Design</b> .....	368600	385200
	Graphic Design		
	Applied Information Science in Design		
	Environmental Design		
	Industrial Design		



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