

125



POLYTECH

2023

# POSTGRADUATE PROGRAMS (PhD)

for international students

FULL-TIME COURSE

<b>1.1.</b>	<b>MATHEMATICS AND MECHANICS</b>		
1.1.7.	Theoretical Mechanics, Machine Dynamics .....	367 000	477 000
1.1.8.	Solid Mechanics .....	403 000	524 000
1.1.9.	Fluid, Gas and Plasma Mechanics .....	403 000	n/a
<b>1.2.</b>	<b>COMPUTER SCIENCE AND INFORMATICS</b>		
1.2.2.	Mathematical Modeling, Numerical Methods and Software Tools .....	367 000	477 000
1.2.3.	Theoretical Computer Science, Cybernetics .....	367 000	n/a
<b>1.3.</b>	<b>PHYSICAL SCIENCES</b>		
1.3.1.	Space Physics, Astronomy .....	374 000	n/a
1.3.3.	Theoretical Physics .....	374 000	n/a
1.3.4.	Radiophysics .....	374 000	486 200
1.3.5.	Physical Electronics .....	374 000	486 200
1.3.8.	Condensed Matter Physics .....	374 000	486 200
1.3.9.	Plasma Physics .....	374 000	486 200
1.3.11.	Physics of Semiconductors .....	374 000	486 200
1.3.14.	Thermophysics and Theoretical Heat Engineering .....	374 000	n/a
1.3.15.	Physics of Atomic Nuclei, Particle Physics, and High Energy Physics .....	374 000	n/a
1.3.19.	Laser Physics .....	374 000	n/a
<b>1.5.</b>	<b>BIOLOGICAL SCIENCES</b>		
1.5.6.	Biotechnology .....	374 000	486 200
<b>2.1.</b>	<b>CIVIL ENGINEERING AND ARCHITECTURE</b>		
2.1.1.	Construction, Buildings and Structures .....	374 000	n/a
2.1.6.	Hydraulic Construction, Hydraulics and Engineering Hydrology .....	374 000	n/a
2.1.8.	Design and Construction of Roads, Subways, Airfields, Bridges and Transport Tunnels .....	374 000	n/a
2.1.9.	Construction Mechanics .....	374 000	n/a
2.1.15.	Safety of Construction Objects .....	374 000	n/a
<b>2.2.</b>	<b>ELECTRONICS, PHOTONICS, INSTRUMENTATION AND COMMUNICATIONS</b>		
2.2.3.	Technology and Equipment for Electronics Manufacturing .....	374 000	486 200
2.2.13.	Theoretical Computer Science, Cybernetics .....	374 000	486 200
<b>2.3.</b>	<b>INFORMATION TECHNOLOGIES AND TELECOMMUNICATIONS</b>		
2.3.1.	Systems Analysis, Control and Information Processing .....	374 000	486 200
2.3.4.	Management in Organizational Systems .....	374 000	486 200
2.3.5.	Mathematical and Software Support for Computers, Complexes and Computer Networks .....	374 000	486 200
<b>2.4.</b>	<b>POWER ENGINEERING AND ELECTRICAL ENGINEERING</b>		
2.4.1.	Theoretical and Applied Electrical Engineering .....	374 000	n/a
2.4.2.	Electrotechnical Complexes and Systems .....	374 000	n/a
2.4.3.	Electrical Power Engineering .....	374 000	n/a
2.4.5.	Power Engineering Systems and Complexes .....	403 000	524 000
2.4.7.	Turbomachinery and Reciprocating Engines .....	374 000	n/a
2.4.9.	Nuclear Power Plants, Fuel Cycle, Radiation Safety .....	403 000	524 000
<b>2.5.</b>	<b>MECHANICAL ENGINEERING</b>		
2.5.1.	Engineering Geometry and Computer Graphics. Digital Product Lifecycle Management .....	374 000	486 200
2.5.2.	Machine Science .....	374 000	n/a
2.5.3.	Friction and Wear in Machinery .....	374 000	n/a
2.5.4.	Robots, Mechatronics, and Robotic Systems .....	374 000	486 200
2.5.5.	Technology and Equipment for Mechanical, Physical and Technical Processing .....	374 000	n/a
2.5.6.	Engineering Technology .....	374 000	486 200
2.5.7.	Fabricating Technology and Machines .....	374 000	486 200
2.5.8.	Welding, Related Processes and Technologies .....	374 000	486 200
2.5.11.	Ground Transportation and Technological Complexes .....	374 000	486 200
2.5.22.	Product Quality Management. Standardization. Organization of Production .....	374 000	n/a
<b>2.6.</b>	<b>CHEMICAL TECHNOLOGIES, MATERIALS SCIENCES, METALLURGY</b>		
2.6.1.	Metal Science and Heat Treatment of Metals and Alloys .....	374 000	486 200
2.6.2.	Metallurgy of Ferrous, Non-Ferrous and Rare Metals .....	374 000	486 200
2.6.3.	Metal Casting .....	374 000	n/a
2.6.4.	Metal Forming .....	374 000	486 200
2.6.5.	Powder Metallurgy and Composite Materials .....	374 000	486 200
2.6.6.	Nanotechnology and Nanomaterials .....	403 000	524 000
2.6.17.	Material Science .....	374 000	486 200
<b>5.2.</b>	<b>ECONOMICS</b>		
5.2.2.	Mathematical, Statistical and Instrumental Methods of Economics .....	367 000	477 000
5.2.3.	Regional and Industrial Economics .....	367 000	477 000
5.2.4.	Finance .....	367 000	477 000
5.2.5.	World Economy .....	367 000	477 000
5.2.6.	Management .....	367 000	477 000
<b>5.5.</b>	<b>POLITICAL SCIENCE</b>		
5.5.1.	History and Theory of Politics .....	367 000	477 000
<b>5.8.</b>	<b>PEDAGOGY</b>		
5.8.2.	Theory and Methodology of Education and Upbringing (by study areas and educational levels) .....	367 000	n/a
5.8.5.	Theory and Methodology of Sports .....	367 000	n/a

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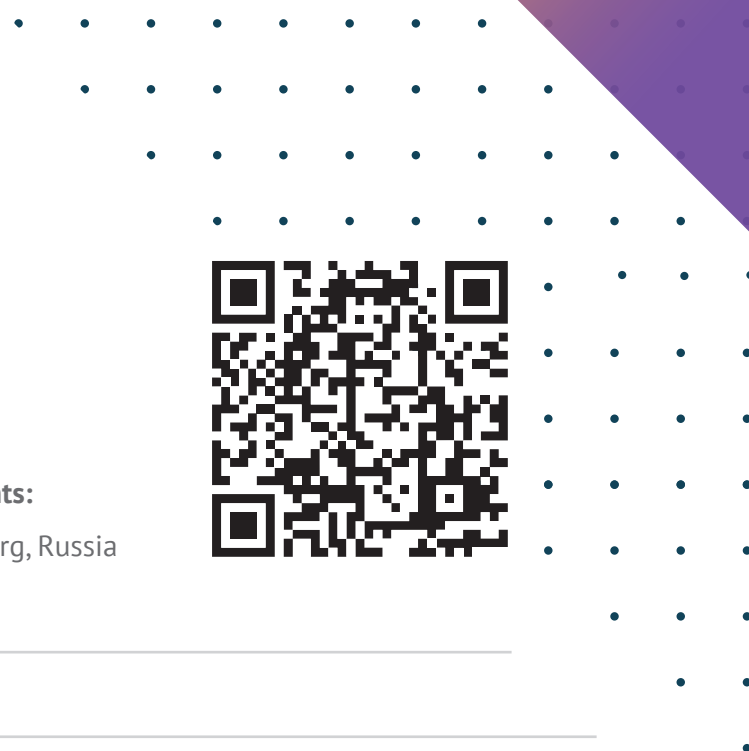


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