



# NORTHERN (ARCTIC) FEDERAL UNIVERSITY NAMED AFTER M.V. LOMONOSOV

## MASTER PROGRAMMES 2024

Tuition fee in 2023: 270 130 rubles / year (3 400 USD/year)

CODE	PROGRAMME	SPECIALIZATION
<b>HIGHER SCHOOL OF ENERGY, OIL AND GAS</b>		
13.04.01	Heat-Power Engineering and Heat Technology	"Energy management"
13.04.02	Electric power and electrical engineering	"Optimization of power supply systems"
15.04.02	Technical Machinery and Systems	"Operational Engineering of Transport and Technological Machines"
21.04.01	Oil and Gas Engineering	"Development of Oil and Gas Deposits of the Arctic Zone "
		"Industrial and Environmental Safety in the Transportation of Oil and Gas in the Arctic"
27.04.01	Standardization and Metrology	"Metrological and Information Support for the Development of Oil and Gas Fields in the Arctic Zone"

CODE	PROGRAMME	SPECIALIZATION
<b>HIGHER SCHOOL OF ENGINEERING</b>		
08.04.01	Civil Engineering	"Cold Climate Construction"
35.04.02	Technology of Timber Harvesting and Wood Processing	"Innovative Technologies of Timber Production"

CODE	PROGRAMME	SPECIALIZATION
<b>HIGHER SCHOOL OF NATURAL SCIENCES AND TECHNOLOGY</b>		
03.04.02	Physics	"Radiation and Wave Diagnostics of Devices and Materials"
05.04.06	Ecology and Environmental Management	"Forest certification"
		"Environmental Risk Management in the Arctic" - <i>English-taught</i>
06.04.01	Biology	"Biodiversity of the Arctic"
		"Applied Psychophysiology"
12.04.04	Biotechnical Systems and Technologies	"Engineering in Biomedical Practice"
18.04.01	Chemical Technology	"Chemical Technology of Pulp and Paper Production"
		"Corrugated cardboard production"
18.04.02	Energy- and Resource-saving Processes in Chemical Technology, Petrochemistry and Biotechnology	"Industrial Ecology and Sustainable Use of Natural Resources"

19.04.01	Biotechnology	"Industrial Biotechnology and Bioengineering"
35.04.01	Forestry	"Restoration and Protection of Forests in the European North"
		"Sustainable Forest Management"
35.04.09	Landscape Architecture	"Environmental Design and Technologies for Creating Landscape Architecture Objects"

CODE	PROGRAMME	SPECIALIZATION
<b>HIGHER SCHOOL OF INFORMATION TECHNOLOGIES AND AUTOMATED SYSTEMS</b>		
01.04.02	Applied Mathematics and Informatics	"Lifecycle management of unmanned systems and ensuring their safety"
09.04.02	Information Systems and Technologies	"Intelligent Geospatial Data Analysis"
09.04.03	Applied Informatics	"Data analytics in economics"
12.04.04	Biotechnical Systems and Technologies	"Intelligent biomedical systems and technologies"
44.04.01	Pedagogical Education	"Digital Education"

CODE	PROGRAMME	SPECIALIZATION
<b>HIGHER SCHOOL OF SOCIAL SCIENCES, HUMANITIES AND INTERNATIONAL COMMUNICATION</b>		
39.04.01	Sociology	"Sociology of Management"
41.04.05	International Relations	"International Security in the Arctic"
44.04.01	Pedagogical Education	"Design of educational resources and teaching English in a digital environment"
44.04.01	Pedagogical Education	"Instructional Design in Language Education: Chinese as a Foreign Language"
44.04.01	Pedagogical Education	"Teaching Russian language and literature"
45.04.01	Philology	"Linguistic and legal support for communication activities"
45.04.02	Linguistics	"Translation in international business communications"
46.04.01	History	"History and culture of the countries of the circumpolar world: comparative studies"
51.04.01	Cultural Studies	"Applied Cultural Studies"

CODE	PROGRAMME	SPECIALIZATION
<b>HIGHER SCHOOL OF PSYCHOLOGY, PEDAGOGY AND PHYSICAL EDUCATION</b>		
37.04.01	Psychology	"Health Psychology"
44.04.01	Pedagogical Education	"Management in Education"
44.04.01	Pedagogical Education	"Management of physical sports"
44.04.03	Special (Defectological) Education	"Education for persons with emotional and behavioral disorders"

CODE	PROGRAMME	SPECIALIZATION
<b>HIGHER SCHOOL OF ECONOMICS, MANAGEMENT AND LAW</b>		
38.04.02	Management	"Business process management in the context of digitalization"
		"Logistics systems management: production infrastructure"
38.04.04	Public and Municipal Administration	"Management of Development of Subarctic Territories"
39.04.02	Social Work	"Social Work with Various Population Groups"

40.04.01	Law	"Contract Law in Public and Private Industries"
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CODE	PROGRAMME	SPECIALIZATION
<b>NARFU SEVERODVINSK BRANCH</b>		
15.04.05	<b>Design and Technological Support of Machine-building Industries</b>	"Technologies, Equipment and Automation of Machine-building Production"
26.04.02	<b>Shipbuilding, Ocean Engineering and System Engineering of Marine Infrastructure Facilities</b>	"Shipbuilding and ocean engineering"
44.04.01	<b>Pedagogical Education</b>	"Philological Education"

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