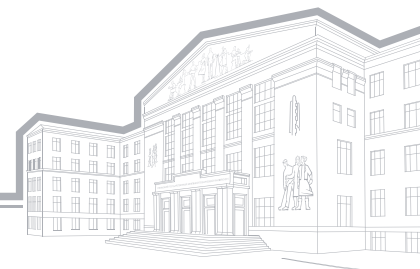




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**MASTER'S PROGRAMMES
FOR THE 2018/2019 ACADEMIC YEAR**



Field of Study

Programme Title

FACULTY OF MINING AND PETROLEUM ENGINEERING

**Petroleum
Engineering**

Deep Sea (Offshore) Oil and Gas Well Drilling Technology

Well Completion and Casing in Complicated Geological Conditions

Drilling Muds and Mud Flushing Technology under Complicated Conditions

Integrated Conceptual Oil and Gas Field Engineering

Oil and Gas Field Development

Oil and Gas Well Operation under Complicated Conditions

Physics of Reservoir Fluids

Digital Technologies in Oil and Gas Field Development and Operation

Geological and Geophysical Problems of Oil and Gas Field Development

Oil & Gas Condensate Field Design, Development and Operation Management

Geophysical Methods in Petroleum Engineering

Design, Operation and Diagnostics of Oil and Gas Industrial Processes and Industrial Facilities

FACULTY OF PIPELINE ENGINEERING

**Heat Power
and Heat
Engineering**

Energy Supply Systems for Enterprises

Innovative Technologies for Diagnostics, Construction Supervision and Industrial Safety Review of Oil, Gas, Water Pipelines and Storage Facilities

Project Management for Construction and Repair of Oil, Gas and Water Transportation and Storage Facilities

Resource Saving while Operating Pump and Compressor Station Facilities

Trunk Gas Transportation Pipeline

Energy & Resource Saving Technologies in Hydrocarbon Transportation and Storage

Offshore Oil and Gas Transportation and Storage Facilities

**Petroleum
Engineering**

Field of Study	Programme Title
FACULTY OF CHEMICAL ENGINEERING	
Chemical Engineering	Chemistry and Technology of Basic Organic and Petrochemical Synthesis Products
	Chemical Technology of Plastics
	Chemical Technology of Fuels and Gas
	Design of Oil and Gas Processing Facilities
Biotechnology	Industrial Biotechnology and Bioengineering
	Chemistry and Chemical Technology of Biologically Active Substances
Energy and Resource Saving Processes in Chemical Engineering	Industrial Ecology and Prudent Exploitation of Natural Resources
	Petrochemical Process Design and Modeling
	Gas Chemistry
Technosphere Safety	Technological Safety Systems in the Oil and Gas Industry
FACULTY OF AUTOMATION OF INDUSTRIAL FACILITIES	
Power and Electrical Engineering	Operation Modes of Electrical Power Units, Substations, Networks and Systems
Technical Systems Control	Process Automation Systems and Instrumentation
Automation of Technological Processes and Industrial Facilities	Automation of Technological Processes and Industrial Facilities
Computer Science and Engineering	Information Support and Computer-Aided Software Engineering of Automated Systems
FACULTY OF MECHANICAL ENGINEERING	
Mechanical Engineering	Machinery and Technology of Welding Production
	Design, 3D Modeling and Prototyping of Oil and Gas Equipment
Process Machinery and Equipment	Reliability of Technological Systems and Equipment
	Unconventional Materials and their Diagnostics in Structures
	Development and Improvement of Technological Processes in the Oil and Gas Industry
	Monitoring of Reliability and Operational Readiness of Oil and Gas Facilities

Field of Study

Programme Title

Energy and Resource Saving Processes in Chemical Engineering

Oil and Gas Processing and Petrochemical Engineering

Corrosion Protection of Equipment and Structures

Technosphere Safety

Fire Safety System

INSTITUTE OF ARCHITECTURE AND CIVIL ENGINEERING

Civil Engineering

Computer-Aided Design of Buildings and Structures

Technology of Building Materials, Products and Constructions

Industrial Construction and Civil Engineering

Construction Management

Design and Construction of Buildings and Structures in the Oil and Gas Industry

Technology of Building Processes and Efficient Use of Materials and Structures

Integrated Safety in the Construction Industry

Highway Engineering

Urban and Industrial Water Supply and Drainage

Engineering Systems of Civil and Industrial Buildings

Architecture

Theory and Practice in Architecture and Urban Development

INSTITUTE OF OIL AND GAS BUSINESS

Advertising and Public Relations

Advertising and Public Relations

Accounting and Controlling Management at Oil and Gas Enterprises

Enterprise Corporate Control and Analysis in the Oil and Gas Industry

Economics of Enterprises and Institutions (in the Oil and Gas Industry)

Economics

World Economics and International Oil and Gas Business

International Economics

Economic Risk Assessment in Technological Decision-Making

Finance in the Oil and Gas Industry

Field of Study	Programme Title
Management	Technology Entrepreneurship in the Fuel and Energy Complex
	Production Management in the Oil and Gas Industry
	Strategic Management
	Business Process Modeling and Busyness Analytics in in the Fuel and Energy Complex
	Brand Modeling and Management
	Organization Development and Human Resource Management in the Oil and Gas Industry

INSTITUTE OF ECONOMICS AND SERVICES

Process Machinery and Equipment	Information Technologies and Technical Expertise on Transport
Biotechnology	Functional Food and Biotechnological Fundamentals of Rehabilitation Medicine
Herbal Food Products	Functional Food and Nutrition Science
Technosphere Safety	Environmental Engineering and Audit
Economics	Economics of Companies and Industrial Markets
State and Municipal Management	State and Municipal Management in the Social Sphere
Finance and Credit	Economic and Financial Security of Business
	Financial Management of Companies and Financial Institutions
Design	Environmental Design
Petroleum Engineering	Physical and Chemical Foundations of Hydrocarbon Production
Foreign Regional Studies	Foreign Regional Studies (Oriental Studies)

FACULTY OF GENERAL SCIENTIFIC DISCIPLINES

Petroleum Engineering	Physical and Chemical Principals of Hydrocarbon Extraction
Social and Cultural Activities	Social and Cultural Activity Management

