



Saint Petersburg
Mining University



United Nations
Educational, Scientific and
Cultural Organization



International Competence Centre
for Mining-Engineering Education
under the auspices of UNESCO

International Master's Degree Programme
under the auspices of UNESCO Centre

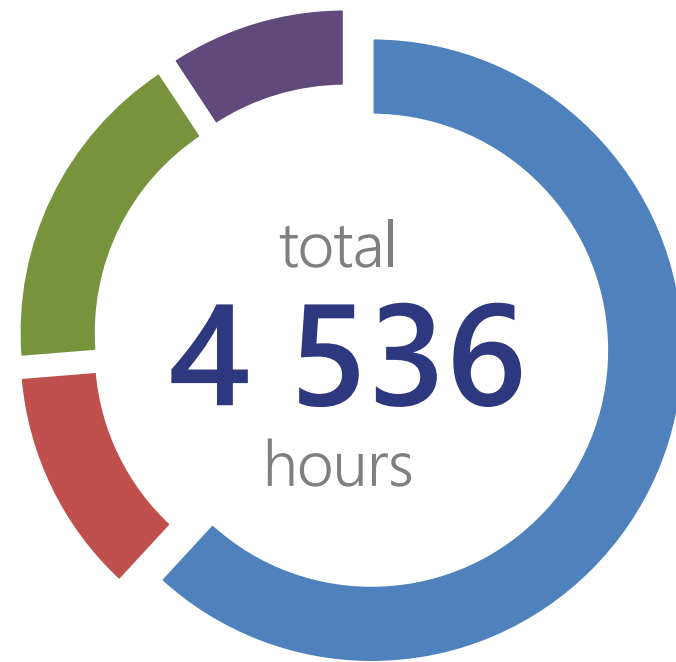
Management of Mineral Resources Sector Facilities

Field of Study - Management (MSc)


ГОРНЫЙ



PROGRAMME IN NUMBERS



- — 819 class hours
- — 648 hours of international internships
- — 540 hours of practical training

| max **25** 
students per group

| **English**
language of instruction

| **State diploma**
*with the Europass
Diploma Supplement*

| **23 disciplines**
basic + professional + elective courses

| **5 practical trainings**
best business practices, including

| **2 internships**
in the leading partner companies and universities

LEARNING OUTCOMES:

- ✓ Development of **unique competences** in management of mineral resources sector
- ✓ Gaining a **competitive advantage** in the labour market



PROGRAMME STRUCTURE

01 **FIRST year of study**

- core courses in management of mineral resources sector facilities
- additional courses: optional and elective
- practical trainings and internships at the facilities of the mineral resources sector companies

02 **SECOND year of study**

- specific and elective courses
- administrative and management internships at the key Russian mineral companies, Federal Ministries and Departments
- R&D in cooperation with leading Russian research centres
- graduation projects with actual scientific and practical value

Language

English

Mode of Study

Full-Time

Duration

2 years

Degree awarded

Master (State Master's Diploma with the Europass Diploma Supplement)

START DATE - 1st SEPTEMBER, 2022

MODULE 1: SUBJECTS (COURSES) INCLUDED IN THE PROGRAMME



CORE COURSES

International Business and Trade in the Mineral Resources Sector

Strategic Management in the Mineral Resources Sector

Innovation Management and Digital Economy

Sustainable Development and Risk Management

Human Resources Management in the Mineral Resources Sector Companies

Public-Private Partnership

Marketing in the Mineral Resources Sector

Economic and Mathematical Methods in Planning and Management

Information Systems Management

Corporate Finance in the Mineral Resources Sector Companies

Theory of Entrepreneurship

Operational Management in the Mineral Resources Sector Companies

Methodology and Organization of Scientific Research

ELECTIVE COURSES

Business English

Legal Framework of Management

Specific Mining Issues

Economics of Engineering in the Mineral Resources Sector

Management of Mining Processes

Engineering of Technological Processes in the Oil and Gas Industry

Organization and Management of Geological Exploration

Engineering and Environmental Support for Projects of the Mineral Resources Sector

Strategic Analysis in the Mineral Resources Sector

Current Management Issues in Holding Companies

Management of the Mineral Resources Sector Projects

Management of Competitiveness in the Mineral Resources Sector Companies

MODULE 2: PRACTICE

PRACTICAL TRAININGS AND INTERNSHIPS



in the leading
Russian companies and
research centres



at the facilities of the
mineral resources sector companies



at the Federal Ministries
and Departments





LEARNING OUTCOMES

Programme Goal

to train highly qualified managers of the mineral resources sector through development of managerial, engineering and economic competences relevant to a dynamically developing business environment

KEY COMPETENCES

- YOU GET**
systematic practical strategic management skills in the mineral resources sector which comply with modern international requirements
- YOU MASTER**
skills in development of business processes in the mineral resources sector both in economic and technological aspects
- YOU IMPROVE**
managerial skills and competences for managing a company or a division in the mineral resources sector
- YOU DEVELOP**
skills in project planning, development, management, business feasibility and project efficiency evaluation
- YOU ESTABLISH**
strong connections with managers, economists and leading technical specialists of the mineral resources sector
- YOU LEARN**
how to work out unique strategies for company development in the context of uncertainty and volatility



BENEFITS

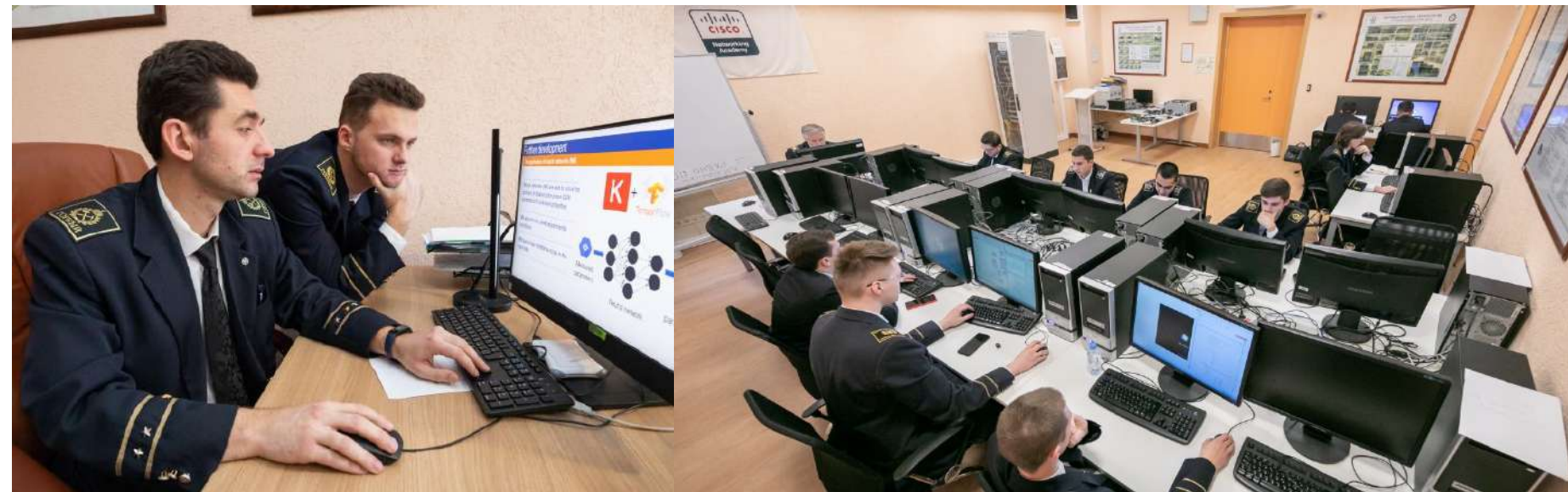
01

Lecture courses and practical classes of the leading professors, engineers and professionals of the largest mineral resources sector companies in Russia



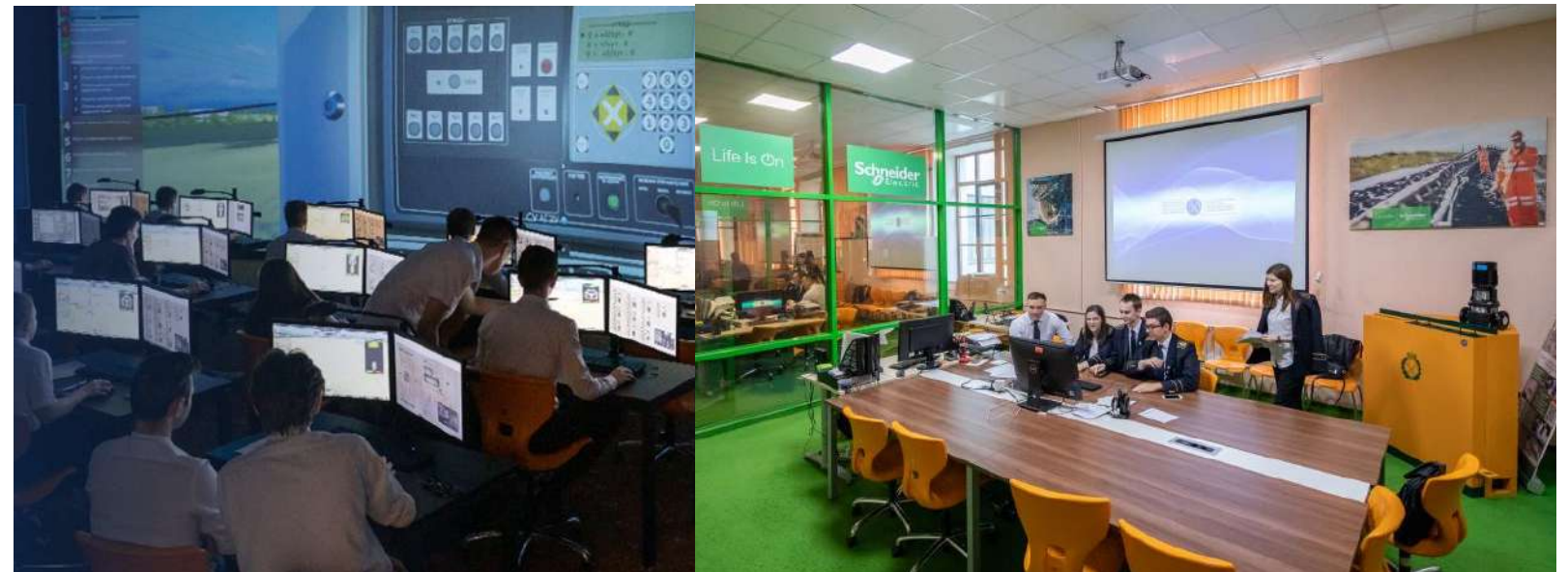
02

Developing competencies in IT at the Digital Economy Level



03

Comprehensive approach to education including advanced managerial and business engineering skills enabling quick adaptation to Industry 4.0 transition



04

R&D activities in scientific centres and training sites of the Mining University using state-of-the-art equipment and laboratory facilities



ADMISSION REQUIREMENTS

- 1 University Degree —
bachelor's degree, specialist's degree,
master's degree
- 2 English Proficiency Requirements—
Minimum level required: B2
- 3 Grade Point Average (GPA) — 4.0 and above
- 4 Basic Knowledge of Geology, Mining, Oil and
Gas Engineering, Economics and
Management
- 5 Successful Entrance Examinations Results



The decision on admission is based on 2 interviews:
— entrance examination in management;
— entrance examination in English



PROGRAMME BENEFITS

■ Learn from the best

- **Leading professors of the Mining University**
- Expert practitioners of national and international business
- Visiting **professors and experts**
- **Library sources** – analytics, research, business cases
- **Research centres of the Mining University**

■ Communication and cooperation with the business elite

Events with invited business speakers and leading experts of the mineral resources sector

■ Practice

5 best business practices to develop **skills in managing mineral resources sector facilities**

■ Degree of the first technical university of Russia

- Included in the list of the world best universities according to **Times Higher Education**
- **TOP-10 QS Rankings by Subject**
- **98% of employment** with a diploma of the Mining University



LECTURERS FROM LEADING COMPANIES

Experts and professionals of the mineral resources and fuel and energy sector



Anatoly Olegovich DROZDOV

Head of the Licensing and Subsoil Use Department, Gazprom Neft PJSC



Violetta Valentinovna EVSEENKO

Budget Control Specialist of the Projects Directorate of Polymetal UK JSC, PhD in Economics



Ekaterina Vladimirovna ISHKOVA

Leading Economist of the Economic Department of Polymetal Engineering JSC, PhD in Economics



Ilyas Maratovich GALYAUDINOV

Chief Specialist of the Oil and Gas Production Department, Gazprom Neft PJSC, PhD in Economics



Alexey Mikhailovich FADEEV

Head of Offshore Projects Promotion Programs, Gazpromneft-Sakhalin LLC, PhD in Economics



LEADING PROFESSORS

Experts and lecturers from Saint Petersburg Mining University



Alexey Evgenievich CHEREPOVITSYN

Professor, PhD in Economics
Expert in the field of strategic management at the companies of the mineral resources sector
Programme Supervisor



Lyubov Anatolyevna NIKOLAYCHUK

Associate Professor, PhD in Economics
Expert in the field of economics and management of the fuel and energy and mineral resources sectors



Tatyana Vladimirovna PONOMARENKO

Professor, PhD in Economics
Expert in the field of competitiveness management at enterprises of the mineral resources sector



Diana Mikhailovna DMITRIEVA

Associate Professor, PhD in Economics
Expert in the field of modern strategic management of companies in the mineral resources sector



Sergey Gennadievich GALEVSKY

Associate Professor, PhD in Economics
Expert in the field of bankruptcy forecasting and insolvency assessment of companies of the mineral resources sector



Valentin Alexandrovich STEPANOV

Associate Professor, PhD in Geological and Mineralogical Sciences
Expert in the field of modern technologies for prospecting, exploration and production of minerals (ore, oil, gas)



KEY PARTNERS

The largest companies of the mineral resources and fuel and energy sectors





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for Mining-Engineering Education
under the auspices of UNESCO

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ГОРНЫЙ