



MBA PROGRAMME "SUBSOIL / MINERAL RESOURCES MANAGEMENT"

The programme is aimed at building a talent pool for relevant ministries, agencies and companies of African countries, as well as providing comprehensive retraining and professional development for specialists in the mineral resource sector who are capable of understanding the entire life cycle of a project – from exploration and resource assessment to extraction, logistics and processing. On the one hand, the programme provides technological methods for working with raw materials; on the other, it teaches how to manage a project as an integrated whole, combining technical solutions with economic efficiency, legal frameworks and environmental responsibility.

PROGRAMME DETAILS

Mode of study	full-time	Qualification awarded	MBA diploma
Language of instruction	English	Group size	20 participants
Duration	1 year	Programme volume	70 credits

PROGRAMME OBJECTIVES

1. To prepare professionals with in-depth knowledge of mineral resource management, capable of effectively managing production and economic processes.
2. To develop strategic thinking skills focused on sound decision-making under conditions of limited resources and continuous industry change.
3. To build competencies in sustainable development, taking into account the environmental, social and economic aspects of working in the mineral resource sector.
4. To develop management skills for working with complex projects.
5. To enhance professional qualification in the field of standards and legislative aspects of mineral resource management.

PROGRAMME STRUCTURE

TYPE OF ACTIVITY	HOURS	SEMESTER 1				SEMESTER 2						
		SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL
Theoretical course in the Technological Module, Economics and Management Module, and Russian Language	664	→		→			→	→				
Practical training	396	→	→	→	→		→	→	→	→	→	→
Internship at the University's technological sites	108	→	→	→	→		→	→	→	→	→	→
Management internship in ministries, agencies and enterprises of Russia	72				→	→					→	→
Internship at national mineral resource management facilities	72					→	→					
Research work	144										→	→
Writing and defence of the final graduation thesis	144											→

TECHNOLOGICAL MODULE

- Fundamentals of prospecting, exploration and evaluation of solid mineral deposits
- Mineral exploration using geophysical and geochemical methods
- Modern technologies of geological exploration
- Oil and gas geology
- Digital technologies in geology and mining
- Fundamentals of mining
- Fundamentals of mineral processing
- Fundamentals of metallurgical production
- Environmental foundations of natural resource management

ECONOMICS AND MANAGEMENT MODULE

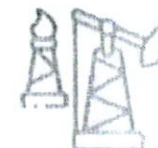
- Economics of mineral resource management
- Strategic management in the mineral resource complex
- Corporate finance
- International Financial Reporting Standards (IFRS)
- Human resource management
- Legal regulation and international legislation in the field of mineral resource management
- Risk management in the mineral resource complex
- Project and innovation management

RUSSIAN LANGUAGE MODULE

INTERNSHIPS AND WORK PLACEMENTS



At leading Russian companies and research centers



At real-world facilities of the mineral resource complex



In federal ministries and agencies



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