



MAIN THEMATIC AREAS

GEOLOGY AND EXPLORATION OF MINERAL AND ENERGY RESOURCES

- ✓ Geology and Mineral Resources
- ✓ Petroleum Geology
- ✓ Gemology
- ✓ Geoinformatics
- ✓ Hydrogeology, Engineering Geology
- ✓ Geoecology and Geochemistry
- ✓ Applied, Petroleum and Exploration Geophysics

EXTRACTION OF ENERGY RESOURCES

- ✓ Exploration Drilling, Extraction, Transportation, and Storage of Oil and Gas
- ✓ Gas, Combustion, and Purification Techniques and Technologies
- ✓ Gas Infrastructure Management

MINING AND PROCESSING OF MINERALS

- ✓ Design, Construction, and Operation of Open Pits and Underground Mines
- ✓ Underground Construction
- ✓ Blasting Technique and Technology

- ✓ Mine Surveying and Geodesy; Underground Resource Management
- ✓ Mineral Processing
- ✓ Applied Biotechnology
- ✓ Management and Recycling of Technogenic and Municipal Waste
- ✓ Environmental Protection
- ✓ Conservation, Liquidation, and Reclamation of Mining Sites
- ✓ Mine Ventilation, Technical and Engineering Safety

MINE MECHANISATION, ELECTRIFICATION, AND AUTOMATION

- ✓ Mechanisation in the Mineral Resource Industry
- ✓ Electrification in the Mineral Resource Industry
- ✓ Automation in the Mineral Resource Industry
- ✓ Computer Methods and Technologies in the Mineral Resource Industry

SUSTAINABLE DEVELOPMENT OF THE MINERAL AND RAW MATERIAL INDUSTRY

- ✓ Risk Processes Modelling and Management
- ✓ Industrial Management
- ✓ Studies in the Humanities and Social Sciences
- ✓ Innovations in Training