

MASTER GEOLOGY OF ENERGY RESOURCES

Description:

Field of study: Geology

Language of instruction: English

Level of qualification: Master Studies

- Level 7 NQF (National Qualifications Framework) / EQF (European Qualifications Framework)

Length of the programme: 2 years

Admission:

Calendar: July and September 2025

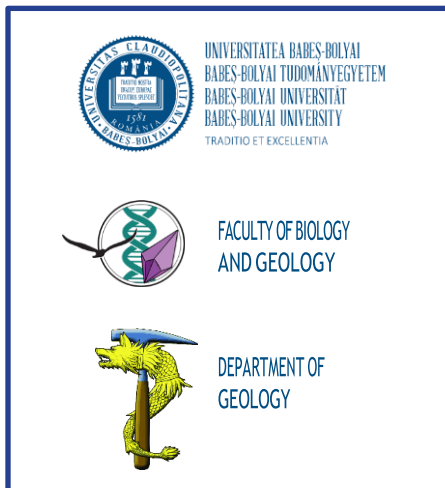
Access requirement: Three-year BSC/Four-year BEng graduation examination average grade (50%) + interview (50%)

Contact:

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Learning outcomes:

- ability to identify, explore, store and enhance geological energy resources
- understanding of alternative or complementary resources
- knowledge of prospecting, exploring and harnessing energy resources
- ability to analyze and interpret geological processes and products in relation to energy geological resources and their exploitation potential
- ability to use and prepare general and specific cartographic documents on specific topics
- knowledge of computer software for geological exploration
- capacity to use specific equipment and applications for data collection, processing and interpretation

Research infrastructure:

- Structural and Analogue Modelling Lab (1)
- X-Ray Diffractometer Lab (2)
- Geomaterial Testing Lab (3)
- Geochemistry and Geochronology Lab (4)
- Micropaleontology Lab
- Quaternary paleoenvironmental Lab
- The Research Center for Integrated Geological Studies (established: 2001): <http://bioge.ubbcluj.ro/cigs/>

Library

- More than 35.000 volumes and journals
- Online catalogue
- Digital library
- Access to scientific resources

