

Program: Mining Engineering (field of study Mining and Geology)

II level studies (MSc program) fully taught in English, 3- semesters (90 ECTS) - starting in mid-February 2020, ending in July 2021

Graduate profile

The graduate will possess most current and deepened knowledge as well as practical skills in general subjects, like geostatistics and geochemistry and also in specialization issues like geomechanics, open pit and underground excavation design, geological modelling and computer aided design, mining machinery and automation, mineral processing, environmental management, circular economy issues and industrial safety problems. Beside these, the graduate will possess managerial skills, will be trained in project management, decision making, risk mitigation, will know the legal and economic environment of the mining industry.

Alongside with faculty staff, several industrial experts will be involved in teaching. Therefore students will be well informed and aware of the current industry challenges and expectations. Graduates will be prepared to design technological processes, manage these processes in an industrial scale as well as to solve research and development type of problems using entrepreneurial skills.

Employment options – worldwide:

- underground and surface mining companies
- geotechnical engineering enterprises
- geological survey and prospecting companies
- companies related to the mining industry, suppliers, service companies
- mining authorities and regulators, governmental and local institutions dealing with natural resource management and mining
- research institutes, development centers dealing with energy and raw materials problems.