



Contact

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Master of Science Mining Engineering

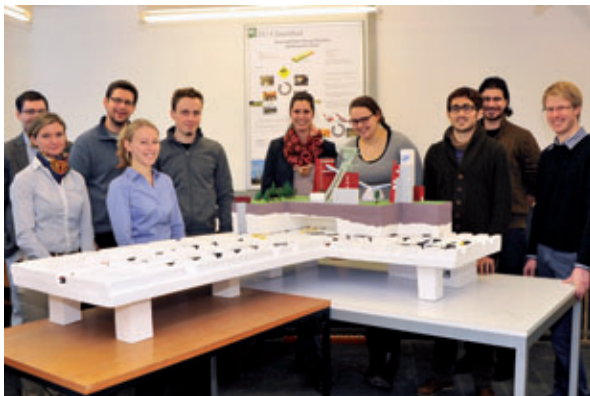


Clausthal University of Technology

Clausthal University of Technology is an internationally renowned institution with about 4,600 students. Founded in 1775, later a royal academy for the mining industry, we have a strong tradition in engineering and natural sciences and bridge the gap between tradition and innovation. Combining the engineering and scientific expertise of Niedersachsen, we are on a par with the best research universities in Europe.

Research and education at Clausthal University of Technology are currently focused on Energy and Raw Materials, Natural Science and Materials Science, Economics, Mathematics, Computer Science, Mechanical Engineering and Process Engineering. In three innovative centers, the Energy Research Center Niedersachsen (EFZN), the Clausthal Center of Materials Engineering (CZM) and the Center of Simulation (SWZ), we aim to link applied research in natural science, engineering and economics.

Students enjoy a unique way of studying in Clausthal: it is the personal and international atmosphere, and the practice-oriented education which make us distinctive. Nowadays 30 % of our students come from abroad and quite often students have the opportunity to become members of research teams.



Master of Science Mining Engineering

The Master's degree program offers students intensive study opportunities over a broad spectrum of fields in Mining Engineering. The students are not only skilled and equipped to face challenges in the industry, but also trained to develop and apply up-to-date scientific tools and techniques. The Master of Science in Mining Engineering aims at empowering students with management and communication skills in addition to technical knowledge.

Duration of Studies: 4 Semesters

Winter Term 01.10. – 31.03.
Summer Term 01.04. – 30.09.

Start of studies can be in the winter and summer term, recommended is to start in the winter term.

Language of Instruction: English
Degree: Master of Science (M.Sc.)
Closing date for applications: 15.01. (summer term)
15.07. (winter term)

Main Focus:

As Mining Engineering comprises a wide spectrum in the mining and mineral industry for a sustainable extraction of minerals, processing and financial management of the available resources, the Master's degree program at Clausthal University of Technology is designed to be geared towards these multidisciplinary requirements.

Numerous specialization topics are available, i.a.

- Geostatistics and Mine Planning
- Underground and Open Pit Mining Technology
- Rock Mechanics and Drilling Technologies
- Mine Health and Safety
- Ventilation and Climatization
- Mineral Processing
- Mine Surveying and Geoinformation Systems
- Mining and Environment
- Mining and Finance