

Clausthal University of Technology

Clausthal University of Technology is a small university with about 3,200 students, 90 professors and 420 scientific employees. The personal atmosphere for studies, the multitude of partner universities and the opportunity to be involved in the scientific work of a university renowned for its research represent the special attractiveness of Clausthal University of Technology for its students.

University sports

Clausthal University of Technology offers a wide range of sports classes for its 3,200 students. They can choose from about 100 classes for 60 kinds of sports. In a current CHE-Ranking Clausthal University of Technology comes off excellently with respect to the assessment of these offers by its students. The excellent sports offer thus represents an additional benefit in the life of its students.



Start of Studies

It is recommended to start in the winter semester (1 October), but a start in the summer semester (1 April) is also possible.

Admission of Foreign Students

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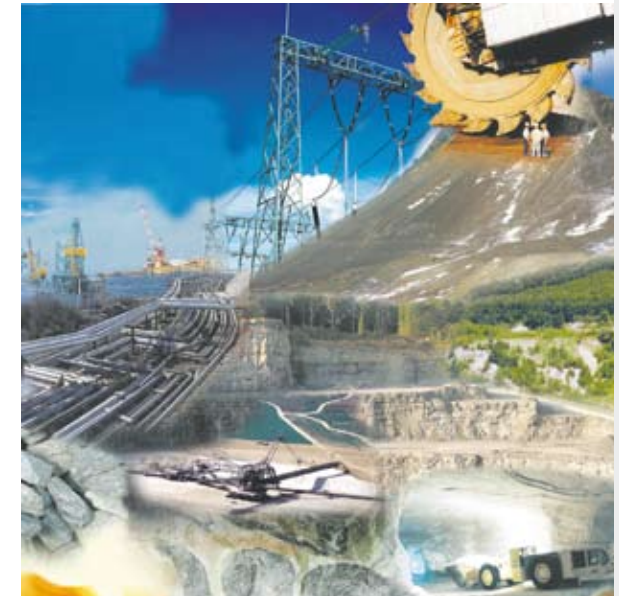
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Master of Science Energy and Mineral Commodities Supply Technology



Energy and Mineral Commodities Supply Technology

The mineral commodities engineer ensures that operational safety, efficiency and environmental compatibility are assured in an optimal way upon utilization, protection and remediation of the earth's crust. National and international projects require flexibility, creativity and the ability to work in teams when putting the knowledge acquired at university into practice.

Professional Profile and Job Market

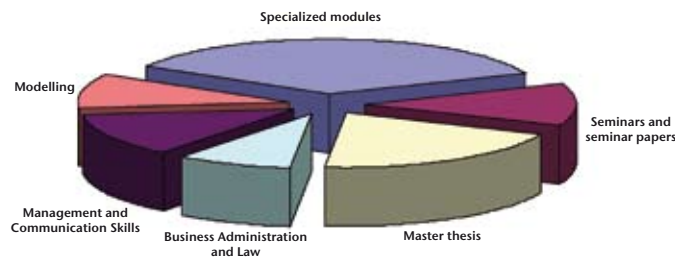
The professional profile comprises advisory, analyzing and planning functions in the classic areas of the energy and mineral commodities industry, but also beyond these. In the mineral commodities' sector graduates find employment in the mineral commodities industry, the related plant, construction and mining machine industry as well as in the processing and further processing of primary materials, etc. The energy and utility industry among others comprises the sectors energy production and supply, water supply as well as pipeline construction. In addition, there are job opportunities in service companies like in authorities and state institutions, engineering companies, banks, law firms, insurances as well as in business consultancies.

The academic title "Master of Science" makes it possible to assume management functions in the mineral commodities industry and related sectors of industry. The academic career may be continued by doing a doctorate.

Course Structure

- Modular, four-semester full-time course
- 8-week internship

The content of the specialized modules depends on the three specializations, for mineral commodities supply engineering additionally on the main focus chosen.



Energy Supply Technology

- Energy conversion technology
- Energy supply principles
- Energy supply technology

Storage and Distribution Technology

- Fundamentals of storage and distribution
- Storage technology
- Distribution technology

Mineral Commodities Supply Technology – General Mineral Commodities

- Production and supply with general mineral commodities
- Utilization and supervision of the underground space
- Geomatics in mineral commodities supply engineering

Mineral Commodities Supply Technology – Construction Raw Materials

- Construction raw material supply
- Building material production and recycling
- Geomatics in mineral commodities supply technology

Admission requirements

Successful completion of the Bachelor's course "Energy and Raw Materials" or a closely related course at a university or a university of applied sciences.

Master of Science: An internationally recognized degree

In more than 40 European states a new two-tier study system is being introduced until 2010. In Germany the former Diplom courses will also be replaced by Bachelor's and Master's degree courses. A Common European Higher Education Area with comparable university degrees is thus being established providing a high degree of mobility already during your studies.

Master's degree courses build on a Bachelor's or a Diplom course. In these courses previous knowledge is consolidated and further specialized and because of their scientific character the courses thus qualify for demanding occupational functions.

