



Study programme

6 credits include one or more courses: German Language; Practical Training; Soil and Rock Mechanics; Choice module within the courses of the TU Bergakademie Freiberg.

1. Semester:	Module (6 Credits)	Module (6 Credits)	Module (6 Credits)	Module (6 Credits)	Module (6 Credits)
Certificate after separate modules					
2. Semester:	Module (6 Credits)	Module (6 Credits)	Module (6 Credits)	Module (6 Credits)	
3. Semester:	Seminar (4 Credits)	Thesis (20 Credits)			

Academic degree: Master of Science (M. Sc.)

- Modules:**
- Reclamation
 - Brownfield Revitalisation
 - Radioactivity
 - Mine Water: Chemistry and Treatment
 - Mine Water: Hydrogeology and Modeling
 - Geoscience Information Systems
 - General Management & Finance
 - Project and Contract Management
 - Licensing, Stakeholder Involvement and Expectation Management

Duration of Study

- ▶ **Full-time study:**
 - 3 semesters
 - End of application: 01.07.2009
 - Enrolment: 01.10.2009
- ▶ **Part-time study:**
 - 9 semesters
- ▶ **Separate modules:**
 - 1 module: specialised certificate
 - 3 modules: advanced certificate
- ▶ **Prices:**

Please contact the subject specific advisory service.

**Master of Science
(M.Sc.)**

HELP DESK
TU Bergakademie Freiberg
CENTRAL STUDY ADVISORY SERVICE
Mrs Dr. S. Schellbach
Akademiestraße 6
09596 Freiberg
phone +49 (0)3731 / 39-3461, -2083
fax +49(0)3731 / 39-2418
e-mail studium@zuv.tu-freiberg.de

SUBJECT SPECIFIC ADVISORY SERVICE
Faculty of Geosciences, Geotechnics and Mining
Institute of Mining and Special Construction Engineering
Gustav-Zeuner-Str. 1A
Mr Prof. Dr. Dr. C. Drebenstedt
09599 Freiberg
phone +49(0)3731 / 39-2606
fax +49(0)3731 / 39-3601
e-mail Office.more@mabb.tu-freiberg.de



Master (engl.)

Sustainable Mining and Remediation Management

Sustainable Mining and Remediation Management

First-class technical organisational and management skills are essential to ensure a timely execution of remediation projects within budget and with a minimum of friction.



Admission requirements:

- A higher education degree with a minimum of seven semesters in one of the following subjects: Earth Sciences, Geotechnical Engineering or other related fields,
- Practical professional experience with a minimum of one year,
- Proof of the necessary Occupational Aptitude Examination and
- Indenture between the company WISUTEC Wismut Umwelttechnik GmbH and the student.
- Proof of English knowledge

Master (M.Sc.)

The degree programme Sustainable Mining and Remediation Management imparts knowledge and skills to the students for self-reliant scientific work in the fields of environmentally friendly mining, mining remediation and vitalisation of industries. The programme is based on the worldwide unique German know-how for the mining remediation, especially for uranium, lignite and ore mining. About 15 Bln € have been spent on this know-how.

The concept of the unique, research-oriented study programme was created.

This programme is implemented in close cooperation with mining and remediation enterprises.

The study programme combines natural, engineering and business sciences, theory and praxis in a unique way.

The study objective is the acquisition of the degree Master of Science.

This study programme is offered on a full-time as well as on a part-time basis, minimising the disruption of the work. The subject-specific basis modules are offered in the 1st and 2nd semesters in

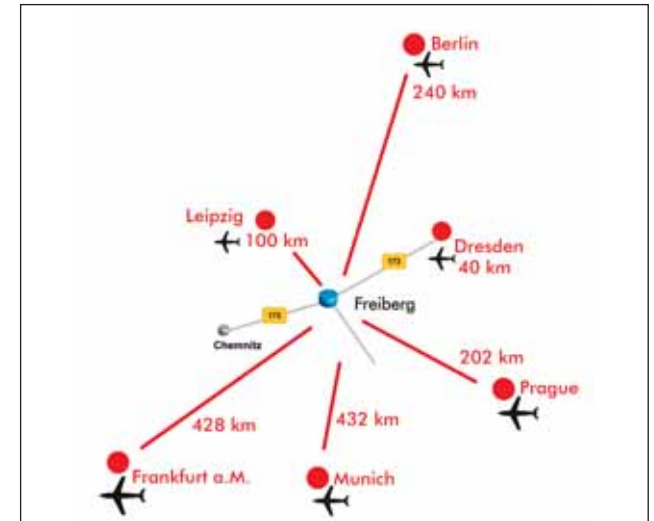
the form of the block courses (i.e. 6 CP). The compulsory core is supplemented with two possible block courses of choice. The 3rd semester includes the so-called Master's seminar and Master's thesis.

Participants will acquire world-class skills documented by Professional Development Certificates or by obtaining an internationally recognized Master of Science degree, while minimising the disruption of their work by flexible modular delivery.

The special profile of this postgraduate Master's programme enables a graduate to work worldwide at the relevant mining and mining remediation enterprises, public administrations, and international organisations.

The TU Bergakademie Freiberg with its unique profile is regarded as one of the most successful and respected universities in Germany since nearly 250 years.

Strong scientific university departments work together in an interdisciplinary relationship to tackle one of the most pressing future issues of humanity: the sustainable, safe and economic supply of raw materials, working materials and energy to society.



The 800 years old University City Freiberg is situated in the South Eastern Germany at the historical mining region, the Erzgebirge.

