

Why is TU Bergakademie Freiberg a great place to study / work?

- Distinct profile built on 4 core fields:
GEOSCIENCES – **MATERIALS** – **ENERGY** – **ENVIRONMENT**
- **Top research university:** TU Bergakademie Freiberg receives the highest third-party funding per professor among German universities
- **Scientific atmosphere in Freiberg:** Helmholtz Institute Freiberg for Resource Technology (HIF), Biohydrometallurgical Center for Strategic Elements (BHMZ), Center for Water Research (ZeWaF), Geocompetence Center Freiberg (GKZ)
- **Unique features:** TU Bergakademie Foundation, Krüger Foundation, terra mineralia – the university's unique mineral collection, own underground research mine, a campus university with short distances
- **Diversity, equality, inclusion and equal opportunities** as well as family friendliness and an open encounter with people, cultures and ideas are part of TU Bergakademie Freiberg's mission statement



**WELTOFFENE
HOCHSCHULEN
GEGEN FREMDEN-
FEINDLICHKEIT**

**FAMILIE IN DER
HOCHSCHULE**



Europäische Union

Europa fördert Sachsen.
EFRE
Europäischer Fonds für
regionale Entwicklung

Hydrogeology and Hydrochemistry

Countless opportunities for study and
research



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Profile

Global environmental changes, climate change, scarcity of natural resources, environmentally friendly methods of resource extraction - these are the challenges and tasks that are at the heart of Freiberg's geosciences. Applied geoscientists are the people who are in demand by water supply industry, agriculture, raw material supply and disposal around the entire world.

Our department is experiencing a solid growth in research and teaching activities as well as refurbishment of buildings and labs. Joining both competence and vision, we are bridging west and east by a pleasant atmosphere and international flair.

Our teaching philosophy is to provide intensive support and field trips to the most spectacular areas in Germany (including our own underground research mine - the famous Reiche Zeche) as well as around the world. We will give you access to the front edge of hydrogeology and hydrochemistry research. We always try to be a notch ahead.

Freiberg Hydrogeology and Hydrochemistry is a team-oriented community of ambitious, respectful, friendly, and broad-minded people who like to strive for our visions. Come join us and experience it by your own!



Meet our team



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Teaching overview

The following topics are offered at the Department of Hydrogeology and Hydrochemistry:

- Introduction to Hydrogeology
- Hydrogeochemistry
- Hydrogeological seminar
- Geoscientific communication
- Hydrogeological project
- Hydrogeological field methods
- Contaminant transport in groundwater
- Hydrochemical - analytical course
- Hydrological - hydrogeological field trip
- Tracers in Hydrogeology
- Water Resources
- Hydrology

For more information on study opportunities and open positions or to submit your CV, please visit our website <https://tu-freiberg.de/geo/hydro> or simply contact us.

We will be glad to hear from you.

