

W3 professorship

„Analytical Chemistry“

reference 110-E/2025

Faculty of Chemistry, Physics and Biosciences

We are looking for a nationally and internationally renowned candidate with an outstanding scientific track record who will represent the entire field of analytical chemistry in research and teaching. The applicant will pursue a research strategy that involves the development of new methods in the field of element and compound analysis with a wide range of applications. A research focus on element speciation, direct solid-state analysis, multi-component analysis (multidimensional analysis), structure determination, and applications in recycling processes and the circular economy will be preferred. The applicant is expected to cooperate with research groups within the university who work in similar fields in chemistry, physics, and bioscience, as well as in geoscience and engineering. In particular, collaboration with the Helmholtz Institute Freiberg for Resource Technology (HIF) is desirable.

In teaching analytical chemistry as a fundamental component of bachelor's and master's programs in chemistry and applied natural sciences must be covered. The future professor should also offer general and specialised lectures for degree programs in other faculties, in particular environmental system sciences and geology/mineralogy. Excellent German and English language skills and the ability to teach in German and English are required.

As a resource university, Technische Universität Bergakademie Freiberg has a unique profile in the fields of geosciences, materials, energy, and the environment. The willingness and ability of the future professor to engage in cooperation and interdisciplinary collaboration is therefore of great importance.

Candidates fulfill the general requirements for appointment according to § 59 of the "Sächsisches Hochschulgesetz" (Higher Education Act of Saxony), dated May 31, 2023, in its currently valid and applicable version. A university degree, a specific qualification for relevant scientific work (usually demonstrated by a doctorate), a habilitation or equivalent achievements, as well as pedagogical qualification and knowledge of higher education teaching methods are required.

Severely disabled or equivalent applicants will be given preferential consideration in the event of equal suitability. For appropriate consideration, we ask that proof of the severe disability/equality be attached to the application documents. The TU Bergakademie Freiberg is a family-friendly and provides support in the provision of childcare facilities as well as in the placement of appropriate jobs in the region for life partners or spouses (dual career couples). It strives to increase the proportion of women in teaching and research. Qualified female scientists are therefore invited to apply.

Applications

stating the advertisement reference number (**110-E/2025**), should be sent with a curriculum vitae, a description of academic career, a list of publications with copies of the most important publications, a list of courses taught, the results of evaluations carried out in recent years, a certified copy of the highest academic degree, and a cover letter indicating your motivation for applying, as well as a research and teaching concept, by

December 31, 2025 to the:

bewerbungen@tu-freiberg.de

oder an:

TU Bergakademie Freiberg
Dezernat Personalangelegenheiten
09596 Freiberg



**If you have any questions,
please contact the Head of
the Appointment Committee**

Prof. Dr. Gero Frisch
(frisch@tu-freiberg.de)

Please note that your application documents will not be returned. Please submit copies of your certificates only. Travel and other costs for interviews will not be reimbursed.

