

The University of Bremen is offering the following position in the Faculty of Geosciences as of 01.10.2024:

Professorship (f/m/d) salary group W2/W3 in tenured civil service for Mineralogy.

Reference number: P 574/23

Position description – job and applicant profile

General: We seek a personality (f/m/d) with outstanding scientific qualifications in the field of mineralogy, especially mineral-fluid interface processes and related mineral transformations. Experience in the application of modern observational, experimental or theoretical methods to study the dynamics of mineral/material surfaces is expected. If the general civil service requirements are met, tenure will be granted. Classification in group W2 or W3 will be based on personal experience in teaching and successful completion of research projects.

Research: Research areas may include geochemical kinetics, reactive transport, microbe-mineral interactions and numerical modelling (kinetic Monte Carlo - KMC, density functional theory - DFT, molecular dynamics - MD) of solid-fluid interactions. It is expected to establish research collaborations with the MAPEX Center for Materials and Processes and MARUM - Center for Marine Environmental Sciences. We also offer opportunities to cooperate with regional research partners such as the Alfred Wegener Institute, Helmholtz Centre for Polar and Marine Research, Bremerhaven. Further opportunities for cooperation exist in connection with the High-Profile Areas of the University of Bremen (see <https://www.uni-bremen.de/en/research/research-profile/high-profile-areas>). Research experience in an international context with relevant publication activity is a prerequisite. In addition, appropriate experience in the acquisition of third-party funding projects and the willingness to acquire third-party funding are expected.

Teaching: Responsibilities include assuming a teaching load of 9 lecture hours (LVS) per semester in the international Bachelor's and Master's programmes of the faculty. Teaching should reflect mineralogical topics in their entire breadth and contribute to the further development of the subject as well as to the international profile of the faculty. Teaching should include subject-related basic mineralogical training, microscopic-spectroscopic analytics and data application, and the fundamentals and methodology of materials science.

Other: Classes are held in German and English. The willingness to teach English-language courses and to offer German-language courses after two years at the latest is required. Active promotion of early career researchers is expected. Furthermore, interest, willingness and, if applicable, experience in the area of innovations in teaching, continuing training in higher education didactics, academic self-administration and institute development/management are expected. Furthermore, critical reflection on issues of gender justice, diversity and anti-discrimination in research and teaching is expected.

Employment criteria & prerequisites

A completed academic university degree with a focus on mineralogy, a relevant outstanding doctorate in one of the aforementioned research areas, further academic (habilitation or habilitation-equivalent) achievements in the field of mineralogy, pedagogical aptitude and didactic commitment are required. The appointment is based on § 18 BremHG and § 116 BremBG.

Equal opportunities

The University offers a variety of services to support newly appointed academics (f/m/d), such as a Welcome Centre, childcare and dual-career opportunities, and staff development and continuing education programmes. The University aims to increase the proportion of female academics and therefore strongly encourages female academics to apply. Applications from academics with a migration background and international applications are explicitly welcome. Disabled candidates with essentially equal qualifications will be given preference.

Application modalities

Applications should be written in English and include a letter of motivation, a curriculum vitae with a list of publications, research and teaching concepts, proof of teaching qualifications and copies of certificates and diplomas. Applications should be sent to the following address by **29 September 2023**, quoting reference number **P 574/23**:

By mail to: University of Bremen - Fachbereich 05 Geowissenschaften, Fachbereichsverwaltung, Klagenfurter Str. 2-4, 28359 Bremen
or **by e-mail** (as a single PDF file): Bewerbung-Mineralogie@uni-bremen.de

Preliminary enquiries can be directed to the Dean, Prof. Dr. Simone Kasemann: kasemann@uni-bremen.de

Further information on appointment procedures at the University of Bremen can be found at: <https://www.uni-bremen.de/en/university/academic-career/appointment-process>

