

University Professor of Applied General and Theoretical Seismology and Rock Physics

Department of Earth Sciences

Salary grade: W3 or equivalent

Reference code: FU-W3-Geophysik

Responsibilities:

The successful applicant will cover research and teaching in the field of geophysics with a focus on applied general and theoretical seismology and rock physics.

Appointment requirements:

Governed by Section 100 of the Berlin Higher Education Act (*Berliner Hochschulgesetz – BerlHG*).

Additional requirements for the appointment include:

- Excellent record of research activities in applied and general seismology demonstrated through publications in esteemed journals
- Experience in acquiring and implementing externally funded research projects, including interdisciplinary projects
- Teaching experience at the university level (preferably in an international context), both in conveying theoretical principles and in leading practice-oriented assignments
- Very good knowledge of German or English and the ability to teach in the respective language

Expectations:

Along with the regular official duties of professors listed in Section 99 BerlHG, we expect the appointee to engage in the following activities:

- Develop a promising, internationally visible research program that will attract external funding and that deals with theory, data processing, modeling and methods of applied and earthquake seismology and earthquakes physics, the structure and dynamics of the earth.
- Develop specific areas of focus, which may include the processes and characterization of the deep earth, seismicity and structure of tectonic boundaries, or additional topics such as anthropogenic seismicity and reservoirs, or planetary seismology
- Carry out teaching in the fields of applied and general seismology as part of the bachelor's and master's degree programs in geological sciences and other departmental degree programs
- Collaborate with other research groups at the Institute of Geological Sciences, the Department of Earth Sciences, Freie Universität Berlin, and the Geo.X network
- Actively participate in national and international research projects, especially interdisciplinary projects
- Facilitate knowledge and technology transfer activities in the field of geophysics
- Demonstrate sensitivity to gender and diversity issues in their teaching
- Demonstrate willingness to improve their German or English language skills within a period of three years from the date of employment, where necessary

Further information:

Applications should include a cover letter, a CV including a list of publications, copies of all certificates of academic qualification and letters of reference in German or English (please enclose translations where necessary), a list of courses previously taught, and evidence of teaching aptitude. Please include information on involvement in ongoing and future research endeavors, joint research projects, and externally funded projects, as well as a one-page concept for integrating aspects of gender and diversity into teaching practice, research, and leadership activities. If necessary, please include language certificates. If applicable to your

subject area, please give information on partnerships with industry, inventions/patents, and spin-offs.

Please submit all application materials electronically via the [appointment portal](#) by the above-mentioned **application deadline**. Be sure to include a personal postal address and email, as well as the reference code for the position. Please use the following postal address in your cover letter:

Freie Universität Berlin
Department of Earth Sciences
Dean's Office
Attn: Ms. Münchau
Malteserstr. 74–100, Building A
12249 Berlin

Application documents will be deleted from our servers after the legal retention period has lapsed.

The regulations defined by the Berlin Higher Education Act that are relevant to professorships (Sections 99, 100, 101, 102a, 102c BerlHG) can be found online: <https://www.fu-berlin.de/en/sites/berufungen/index.html>.