

The University of Natural Resources and Life Sciences, Vienna (BOKU)

is currently inviting applications for the position of a Full Professor of

Statistics

The University of Natural Resources and Life Sciences, Vienna (BOKU) seeks to appoint a Full Professor of Statistics with 1st April 2025. The position is offered in accordance with §98 of the 2002 Universities Act in the form of an ongoing contract.

The University of Natural Resources and Life Sciences, Vienna, the “Alma Mater Viridis”, is the University of Sustainability and Life Sciences. It is BOKU's task to make a key contribution to the conservation and protection of resources for future generations through its wide variety of expertise. Combining natural sciences, engineering plus social and economic sciences, its aim is to increase knowledge of the ecologically and economically sustainable use of natural resources. With 10,000 students and over 2,900 staff members, BOKU is one of Europe’s leading life science universities.

The professorship is located at the current Department of Space, Landscape and Infrastructure and is intended to contribute to data-based research at BOKU in its entire breadth. Within the department, it contributes in particular to the research fields of climate change and modelling of environmental data (including statistical data analysis, software and method development). At the future Department of Natural Sciences and Sustainable Resources (active from 1st January 2025), it will fit into the canon of natural science disciplines. At BOKU, the institute contributes to all BOKU fields of expertise in the form of interdisciplinary cooperation and transdisciplinary research. Important topics are climate change and global change, analysis and modelling of spatio-temporal (environmental) processes, natural hazards and risks, modelling of bioprocesses as well as ecosystem research and analysis including social statistics.

The professorship assigned to the Institute of Statistics is intended to strengthen interdisciplinary research at BOKU in the field of statistical data analysis and modelling. The successful candidate will have excellent expertise in both teaching and research in areas of statistics related to BOKU's research priorities.

The research activities focus on application-oriented research. Given the variety of tasks, a broad spectrum of methods has to be covered, including computational statistics, statistical learning, extreme value statistics, geostatistics, cluster analysis and functional data analysis, as well as analysis and visualisation of high-dimensional data. Process-based statistical modelling approaches will also be emphasised. In addition, the holder of the chair is expected to contribute to the Data Science Initiative at BOKU, both in the context of methodological talks and through willingness to cooperate within BOKU.

Teaching focuses on basic statistics in the Bachelor's programmes and advanced statistics courses in various Master's programmes at BOKU. The Institute's teaching activities cover almost all degree programmes. At the Master's level, in-depth and specialised lectures on computational statistical methods with concrete application reference are to be offered. In addition, the professorship makes an important contribution to the doctoral schools at BOKU by supervising and teaching in cooperation with the participating disciplines in order to strengthen the methodological expertise in statistics and data science.

According to these tasks, a broad competence in the application of statistical methods in engineering and natural sciences as well as sufficient background knowledge in statistical theory must be demonstrated in the application.

Required qualifications

- Venia docendi or international equivalent or a subject-relevant academic qualification, that is equivalent to a habilitation.
- Relevant experience and competence in teaching, guidance in scientific work, as well as the supervision of junior scientists (PhD students).
- Subject-specific research experience, national and international reputation, as well as ability to network.
- Excellent publication achievements in the scientific field.
- Sound international research experience.
- Proven experience in inter- and transdisciplinary research, especially in areas relevant to BOKU.
- Teaching in German and English.
- Experience in the successful acquisition, execution and management of research projects.
- Cooperation with national and international research institutions and with relevant partners from public services and business.
- Management and interpersonal skills including skills in gender and diversity management, inclusion and accessibility in communication; communication and team skills.
- Participation in public relations.
- Participation in relevant focus and cooperation programs of the University.
- Participation in the self-governance of the University of Natural Resources and Life Sciences, Vienna.
- Excellent knowledge of written and spoken German and English or willingness to learn German in the first two years.

For more information about this position, please contact the Head of Department of Landscape, Spatial and Infrastructure Sciences, Univ.-Prof. Dr. Gernot Stöglehner, phone: +43 1 47654 85501, e-mail: gernot.stoeglehner@boku.ac.at.

Please submit your application as **single PDF file** (LastName_FirstName.pdf) containing the information mentioned below in English via e-mail to the Rectorate of the University of Natural Resources and Life Sciences Vienna (berufungen@boku.ac.at) no later than **15th December 2024**.

Please include the following documents with your application:

- Brief explanation of why you believe yourself to be particularly suitable for this position (max. 1 page A4)
- CV including ORCID and details of professional, teaching and research activities, incl. a teaching portfolio – further information is available at <http://short.boku.ac.at/teachingportfolio>
- Draft concept for research and teaching; presentation of planned research priorities (max. 4 pages A4)
- List of publications (referenced / not referenced), presentations and projects
- Copies of 5 recent publications that you consider particularly important

By submitting the application, you also agree to the participation of an external recruitment consultant in the selection process.

The University of Natural Resources and Life Sciences, Vienna is seeking to increase the number of its female faculty members and therefore, qualified women are strongly encouraged to apply. Women are given priority when qualifications are equal, except in cases where there are outweighing factors concerning another candidate.

People with disabilities and appropriate qualifications are specifically encouraged to apply.

The employment contract is classified as group A1 of the collective agreement for university employees. Minimum gross yearly salary: € 89,075; the actual annual gross salary is subject to negotiation.

More information on this position and about BOKU and this department can be found on the website: <https://boku.ac.at/>