

The Faculty of Mathematics and Natural Sciences at the University of Rostock invites applications for a

W3-Professorship in General and Special Botany

at the Institute for Biosciences. The position should be filled by April 1st, 2027 (within budget considerations).

The Institute of Biosciences at the University of Rostock addresses organismic and molecular questions across the full range of biosciences. The successful candidate will address the evolution of representatives of the Streptophyta in the course of adaptation processes (e.g. transition from water to land or adaptation to environmental factors such as drought, temperature or light stress) by also incorporating the genomic level of a wide range of species, thereby strengthening the existing research profile. This includes the recognition of environmental signals, the structure and function of energy-converting complexes, and the enzymatic synthesis and degradation of sugar polymers in photoautotrophic organisms such as cyanobacteria, algae and plants. In addition to in-depth knowledge of botanical systematics, the application of state-of-the-art methods such as high-throughput sequencing is explicitly desired as part of the current and future research portfolio. The professorship is associated with the management and development of the university's botanical garden, which is to be actively incorporated into research. Furthermore, collaboration with the institute's research initiatives is expected, as is a willingness to engage in interdisciplinary scientific work within the framework of the university's interdisciplinary faculty.

The professorship is to represent botany in its entirety in courses for the bachelor's degree program in biological sciences and the teacher training programs in biology. The professorship is also expected to contribute substantially to teaching in the Master's program "Functional Plant Sciences". Supportive participation in teaching on nature and species conservation as well as evolution is desired. The language of instruction is German. Classes can be taught in English for a maximum of two years; within this period, sufficient language skills in German must be demonstrably acquired in order to be able to teach in German.

A qualified doctorate, several years of independent research activities, preferably also internationally, a habilitation or habilitation-equivalent achievements, as well as the willingness and documented ability to acquire third-party funded research projects, are also required, as is the willingness to participate in academic self-administration.

For further inquiries, please contact:

Prof. Dr. Marc Nowaczyk, Chair of the Search Committee

E-Mail: Marc.Nowaczyk@uni-rostock.de

The employment requirements for professors are determined by §58 (1 and 2) of the State Higher Education Act (LHG M-V). According to this, appointment requires a completed university degree, a doctorate, teaching experience (§ 58 Paragraph (1) LHG M-V), and additional academic achievements, which must generally be demonstrated within the framework of a junior professorship or a habilitation; otherwise, equivalent academic achievements (§ 58 (2) LHG M-V) are required for employment.

The professorship is to be filled according to § 61 LHG M-V as a position with civil servant status for life, or, if applicable, for 5 years. It is also possible to fill the position as a regular state employee.

Special abilities and achievements in teaching as well as in the organization of science and academic self-administration are taken into account. For this purpose, the results in teaching, the ideas for future teaching

including the didactic design of courses are to be presented and the experience in scientific management is to be described. Active engagement and experience in the acquisition of third-party funds are expected.

The University of Rostock is committed to its university leadership guidelines.

The University of Rostock is seeking to increase the proportion of women in academic positions and therefore strongly encourages qualified women to apply with reference to § 7 Abs. 3 of the Mecklenburg-Vorpommern Equal Opportunities Act. Women will be given priority in the case of substantially equivalent qualifications, unless reasons relating to the person of the male competitor prevail. Equal opportunities are an integral part of our personnel policy. The advertisement is therefore addressed to all persons regardless of their gender (* gender-neutral). Disabled applicants will be given preference if all other qualifications are essentially equal.

Applications with the usual documents (full CV, description of academic and professional career, list of peer-reviewed publications, list of previous teaching activities, any additional qualifications in university didactics and previous third-party funding, as well as a description of future research plans and a teaching concept) are to be **sent by 22.08.2025** to the **University of Rostock, Dean of the Faculty of Mathematics and Natural Sciences, Wismarsche Straße 45, 18057 Rostock** or by email to **dekan.mnf@uni-rostock.de**. (Please send a single PDF file with max. 5MB).

The protection of your personal data is very important to us. Therefore, the data collected in the context of the application process is collected, processed and used in accordance with the relevant data protection regulations.

Unfortunately, the State of Mecklenburg-Vorpommern cannot cover application costs. Please submit only copies of your application documents, as these will not be returned after the application process has been completed.