

Applied Sciences for Life - This claim describes the unique range of subjects at Weihenstephan-Triesdorf University of Applied Sciences, all of which clearly and consistently focus on the life sciences. The university serves approximately 6.000 students in degree programs located at three different campus locations (Freising, Triesdorf, Straubing), making us one of the most important green universities in Europe.

The Department of Agriculture, Food, and Nutrition, Campus Triesdorf, invites applications for the position of

**Professor in “Information Technology and IoT in Agriculture and Environment”
(salary group W2, tenured position)**

expected to start in the winter semester 2020/21 or commencing as soon as possible.

Responsibilities in Teaching and Research:

Weihenstephan-Triesdorf University of Applied Sciences seeks to appoint a candidate for a professorship with teaching duties in the fields of Digital Agriculture with a focus on Plant Cultivation, digital tools for environmental monitoring in agriculture, software development, satellite-based sensor and actuator systems, geographical information systems and data management. You will be required to teach in both German and English. Responsibilities of the professorship essentially include the practical implementation of digital applications in agricultural engineering, agriculture, and environmental technologies in practical training and in research. Examples of IoT applications you will be required to put into practice include computer programming, wireless data transmission and the development of server-based workflows for applications in agriculture and environmental sciences. In addition, we expect the incoming professor to advance the activities and to shape the content and further agenda of the Competence Centre for Digital Agriculture as well as the development of new study programs at the bachelor's and master's level.

The successful candidate will play an active role in the further development of applied research. Responsibilities of the professorship furthermore include the supervision of internships, project papers and theses, teaching courses in English as well as participating in academic self-administration. We particularly welcome applications from candidates who demonstrate willingness and ability to teach specialized topics in adjacent fields of research. The Department of Agriculture, Food, and Nutrition offers an interesting work environment at the interface of applied research and practical education, which includes the opportunity to innovate the research field of digital farm management according to your own ideas.

Your Profile:

Weihenstephan-Triesdorf University of Applied Sciences is looking for an individual with a university degree in agricultural sciences, environmental sciences or computer science with special expertise in electronic systems in the aforementioned fields of expertise. We require you to demonstrate substantial experience and extensive knowledge concerning software development on computers and microcontrollers, the application of sensors as well as experience in the installation and launch of software products and components. Comprehensive expertise, proficiency, and experience with regard to agricultural production systems are additional assets.

Requirements:

1. a completed first university degree,
2. pedagogical aptitude,
3. particular ability for scientific and scholarly work as proven by a doctoral degree or comparable academic qualification in a relevant discipline. In case an applicant wishes to make a claim for the recognition of comparable academic qualifications, a formal assessment evaluating the equivalence of scientific and scholarly work in relation to a doctoral degree must be submitted (in German: “Gutachten über promotionsadäquate Leistungen”).
4. We furthermore require expertise in the application or development of scientific findings and methods obtained during a period of at least five years of professional experience after graduation with a first degree of which at least three years must be in a field outside university. Professional work experience, which an applicant has gained during a period of

preparatory service (in German: "Referendariat") or in a position as a member of academic or artistic staff at a university (m/f/d), may be considered for a maximum period of two years. Applicants may submit proof of professional experience outside academia by providing documentation that for a period of at least five years a considerable part of professional work was carried out under a cooperation agreement between a university and external partners in business, associations or the NGO sector.

Information for Applicants:

Weihenstephan-Triesdorf University of Applied Sciences is determined to increase the proportion of women in teaching and applied research, and we therefore strongly encourage female researchers to apply. Applications from severely disabled persons with essentially the same aptitude, professional ability and qualifications will receive preference.

The successful candidate may be eligible for civil servant status up to the age of 52.

Please submit your complete application materials (including an academic CV, copies of transcripts, proof of professional work experience and documentation of your research activities) by **26 June 2020** via the online application form offered below (button "Auf diese Stelle bewerben").

For further information, please contact:

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