

"Education is the key to the world" is the motto of the **Frankfurt University of Applied Sciences (Frankfurt UAS)**. Internationality, diversity and social responsibility are our values. Ours is an institution dedicated to lifelong learning and an innovative research and development partner in the region. Our more than 15.500 students and 1.000 employees in teaching, research and central administration are responsible of it.

**We are looking for candidates with an outstanding PhD who would like to contribute their extensive practical experience in the professional world to teaching and research at our university. The cornerstones of our educational institution are practical orientation, interdisciplinary training, internationality and regional integration. Excellent teaching and research are our aspirations.**

**Teaching and researching at a dynamic university for applied sciences in  
Faculty 1: Architecture • Civil Engineering • Geomatics**

**The Faculty of Architecture • Civil Engineering • Geomatics stands for future-oriented, sustainable planning, building and operating. Around 2900 people study here, trained by 60 professors, almost 100 lecturers from business, industry and the public sector - supported by more than 60 employees in laboratories and administration. We are not only one of the largest providers of study programs in the field of design, construction and operation in the Rhine-Main area, as a faculty we are closely linked to the development of this European city, for which we provide valuable impulses.**

**Our strength lies in a broad-based undergraduate education in the seven Bachelor's degree programs and a differentiated technical specialization with a high level of practical relevance in the nine Master's degree programs. Through close networking with the planning and construction industry, municipalities and associations, we provide practical and future-oriented training not only in the lecture hall and laboratories, but also in projects. In addition to the classic construction tasks, the topics in teaching and research range from urban planning to aspects of sustainability, questions of mobility and water management to strategies for adapting to climate change and digitalization.**

**We are looking to fill the following position in  
Faculty 1: Architecture • Civil Engineering • Geomatics  
beginning summer semester 2024.**

**Professor  
(W2 salary scale HBesG, Hessian Federal Civil Service  
Remuneration Act)  
in the following subject area:  
Smart Buildings and building automation  
Job advertisement number P03/2023**

For this position, we are looking for somebody with a university degree in the field of Engineering, Building Systems, or similar disciplines. Candidates must have completed their doctorate and will provide evidence of independent research as well as outstanding teaching contributions. The successful candidate is expected to be the specialist in the field of Smart Buildings and building automation and should teach transdisciplinary courses at both Bachelor's and Master's degree programmes of Faculty 1 Architecture • Civil Engineering • Geomatics. The teaching and research

responsibilities of this position will be focused on the Bachelor's degree programs "Real Estate" and the planned Master's program "Facility and Real Estate Management".

Candidates must demonstrate a core expertise and hands-on experience regarding the development and implementation of sustainable smart buildings in the operation of technical building systems and in their monitoring and optimized control in regards to user satisfaction and energy management. In particular, the candidate must demonstrate knowledge in technical standards in this area.

Furthermore, sound knowledge, skills and experience in the areas of instrumentation and control engineering and building automation are expected. Knowledge in thermodynamics and fluid mechanics with regard to topics of technical building equipment will be appreciated. Research interest in the aforementioned fields to strengthen interdisciplinarity and sustainability in planning, construction and operation of buildings is welcome.

We kindly ask candidates to present their teaching and research concept.

Very good German language skills are mandatory.

#### **Job requirements:**

In addition to being assigned to the aforementioned faculty, the post holder will become a member of one or both of the following interdisciplinary organisational units, in which it is expected that they make a professional contribution as a member of the professorship: School of Personal Development and Education (SCOPE), which deals with the personal development of students and the specific didactics of a university of applied sciences, and/or the HoST, which strengthens interdisciplinary research as a research transfer center.

We expect our professors to:

- Be active members of our institution and to continuously support the students.
- Participate in introductory courses, i.e., teach subjects at an introductory level in all the faculty's degrees.
  - Have a predisposition and inclination to research and secure third-party funding.
    - Show gender and diversity competence.
  - Participate in the institution's international activities, including teaching in English.
    - Participate in the interdisciplinary *Studium generale*.
- Contribute to the institution's offer regarding further education, lifelong learning and e-learning.
  - Take on responsibility regarding academic self-administration.
- Be willing to pursue further training and professional development in their field of expertise and in higher education didactics.
  - Cooperate with other educational institutions in the region.
- Show commitment and initiative as expected from a performance-related position.

This is a permanent position. The first appointment as a professor is as a **public-service employee on probation or with an unlimited employment contract with a 3-year long probation period.**

Further official duties and requirements are listed under §§ 67-69, 75 and 76 of the Hessian Higher Education Act, found in [www.hmwk.hessen.de](http://www.hmwk.hessen.de) (only available in German).

The position is open to all persons, irrespective of gender. The Frankfurt University of Applied Sciences would like to increase the proportion of women in areas in which they are underrepresented and thus applications from women are particularly welcome and will be treated with priority if they have the same qualifications and as long as there are no clear reasons which make a fellow applicant more suitable. Preference will be given to severely disabled applicants if they can provide equal qualifications.

You can find further information on the general data protection regulations of the Frankfurt UAS at  
(only available in German):  
<https://www.frankfurt-university.de/index.php?id=5184>

Applications comprising all usual documents (including a list of publications, projects and a description of previous teaching and research activities) must be sent with reference to the job advertisement number **by May 8, 2023** via email to [personal-prof-beamt@hr.fra-uas.de](mailto:personal-prof-beamt@hr.fra-uas.de).

**The President of the  
Frankfurt University of Applied Sciences,  
Human Resources,  
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