

With over 15,500 students, four departments with more than 270 professors and more than 1,000 employees in teaching, research and central service units, Frankfurt University of Applied Sciences is one of the largest universities of applied sciences in Germany. "Opportunities through education" is our living motto. Practical relevance, interdisciplinary education, international orientation and regional integration characterize our profile. Diversity and social responsibility are our values. We are sustainable in all dimensions. Excellent quality in teaching and research is our aspiration.

We are looking to fill the following position in Faculty 2: Computer Science and Engineering as soon as possible.

Professor

(W2 salary scale HBesG, Hessian Federal Civil Service Remuneration Act)

in the following subject area:

Mathematics in Engineering Sciences

Job advertisement number P14/2024

We are looking for a dedicated individual to represent mathematics in our engineering degree programs. You have a qualified education in mathematics and have relevant professional experience in the application of mathematical methods in engineering.

Your tasks

- Technical representation of mathematics in the engineering sciences
- Development and implementation of courses (lectures, exercises) in our practice-oriented engineering bachelor's and master's degree programs
- Participation in and organization of additional mathematical courses (preliminary courses, math workshop)
- Teaching in German and English
- Supervision of final theses and project work
- Collaboration in research projects, support of research activities
- Cooperation with industry partners, as well as the acquisition of third-party funds
- Active participation in academic self-administration

Your profile

- Successfully completed university studies, as well as a doctorate preferably related to the above-mentioned subject areas, preferably a degree in mathematics
- Extensive knowledge and experience in either modeling, simulation and programming or statistics and data science
- Professional experience in mechanical engineering or process engineering is an advantage
- Relevant professional experience in engineering (at least 5 years, at least 3 years of which outside university)
- Pedagogical aptitude, proven by teaching experience and/or further didactic training
- Commitment, intrinsic motivation and enjoyment of teaching, ability to work in a team
- Commitment to be present on the campus (at least 3 days per week)

- Enjoyment of being active in practice-oriented research

We will ask you for a research and teaching concept in the course of the process. If you have any questions, please contact Prof. Dr. Simone Gramsch (simone.gramsch@fb2.fra-uas.de).

Our offer

- Teaching in Bachelor's and Master's degree programs
- Practice oriented teaching, small group sizes
- Largely self-determined work with ample creative freedom
- Cooperative and collegial environment for joint teaching and research projects
- Possibility of sabbaticals to carry out your own research projects
- Support in the preparation of research proposals
- Secure job in the service of the state of Hessen
- Compatibility of career and family
- Extensive range of university social events, culture and sport

The position is available for an unlimited period of time. When first appointed to a professorship, employment is initially on a probationary civil service basis or on a permanent employment basis with a three-year probationary period.

Conditions of employment, further duties and prerequisites result from §§ 67 - 69, 75 and 76 of the Hessian Higher Education Act; to be viewed at www.hmwk.hessen.de.

We value diversity and therefore welcome all applications - regardless of gender, nationality, ethnic and social origin, religion/belief, disability, age, and sexual orientation and identity. People with disabilities are given preference in cases of equal personal and professional suitability. As a holder of the "Family-friendly University" certificate, the university will take your individual family situation into account when organizing your working hours.

Applications with the usual informative documents (incl. list of publications, projects, description of previous teaching and research activities) are requested **by April 21, 2024** quoting the reference number, by e-mail to info-prof@hr.fra-uas.de (please send all documents in one PDF file):

**To the President of the
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Human Resources,
Nibelungenplatz 1, 60318 Frankfurt.**
www.frankfurt-university.de