

## Vacancy

Referenz-Nr.: 093/2024

With around 5,300 students in the interdisciplinary fields of engineering, economics, health and human sciences and more than 500 employees, the Magdeburg-Stendal University of Applied Sciences is a medium-sized university in the heart of Saxony-Anhalt. In the competition for students and employees, the Magdeburg-Stendal University of Applied Sciences faces the challenges of being a modern, innovative and high-performance academic institution. With its teaching, research and transfer profile as a university of applied sciences, it aims to establish itself firmly in the national and international market.

For our engaged team at the Magdeburg Doctoral Center „Environment and Technology“, we are looking for a

### **■ ■ Research assistant / PhD student (m/f/d) in the working group International Water Management / Ecological Engineering, for the implementation of the EGD – focus on Urban Green Infrastructure**

The position is part-time (30 hours/week) limited for three years. For the responsible tasks, we offer a classification up to salary group 13 TV-L if the corresponding requirements are met.

In general, the objective is to further operationalize and support the EGD scientifically within the framework of the InterGrad EGD LSA joint project by making the action plans for clean water, a Europe without pollutant emissions to achieve climate neutrality and the transition to a circular economy possible. In the EGD, the current topic is particularly related to the implementation of the biodiversity strategy and the EU restoration law.

The scope of the doctoral project is to carry out comparative studies on the current status, planning approaches, implementation mechanisms of urban green infrastructures and their ecosystem services in various cities in the European Union (at least Magdeburg and Vienna). The aim is to shed light on the urban and spatial planning, ecological engineering, socio-economic, urban climatic and health dimensions of urban green infrastructures. The aim is also to build on the experiences of the international working group Gender and Climate Just Cities and Urban Regions of the Academy for Spatial Research and Regional Planning (ARL).

The doctoral project is carried out in close cooperation with Prof. Dr. Petra Schneider from the Doctoral Center „Environment and Technology“ at Magdeburg-Stendal University of Applied Sciences, and Assoc. Prof. Dr. Doris Damyancovic from the Institute for Landscape Planning at the University of Natural Resources and Life Sciences in Vienna.

#### **Your tasks:**

- Doctorate on the European Green Deal at the Doctoral Center „Environment and Technology“ at Magdeburg-Stendal University of Applied Sciences
- Conducting research for the doctoral project using qualitative and quantitative methods
- Preparation of an exposé for the doctoral thesis, interim analyses, final analyses and dissertation (with cumulative components if desired) for the quantitative analysis of urban ecosystem services, including inventory analyses, forecasts and climate change adaptation capacities.
- Continuous coordination of the doctoral thesis with the supervising professors at the Doctoral Center „Environment and Technology“ at Magdeburg-Stendal University of Applied Sciences and at the above-mentioned foreign partner university
- Proactive participation in the framework program of the International Graduate Academy in the state of Saxony-Anhalt and support of this framework program

#### **Your profile:**

- Successfully completed academic higher education degree (diploma or master's degree, or comparable) in an environmentally-related subject, such as ecology, water management, environmental sciences, spatial/urban planning or similar disciplines.
- Extensive and verifiable theoretical and methodological knowledge with a focus on urban green infrastructure and ecosystem services
- Very good knowledge of specific and relevant measurement methods, evaluation systems, analyses and models documented in the scientific literature

- Ready-to-use skills in dealing with geographic information systems and relevant modeling tools for ecosystem services of urban green infrastructure
- Independent, structured, careful and reliable way of working, team and communication skills as well as systemic thinking
- Good or very good written and spoken English language skills (C1) and German language skills (B1)

**We offer:**

- the employment relationship is based on the collective agreement of the German states (TV-L) with an annual bonus
- Collaboration with a committed team, participation in future-oriented projects and a position with responsibility
- a family-friendly and health-promoting work environment
- flexible working hours within the scope of your task and a modern workplace
- effective training opportunities and employee benefits
- a workplace in the countryside on the edge of the popular excursion destination "Herrenkrugpark"
- very good accessibility by car, bicycle and public transport (DB stop "Herrenkrug", tram stop "Hochschule")

If you have a qualification obtained abroad, please send us appropriate proof of equivalence with a German qualification. For further information, please visit the website of the Central Office for Foreign Education (ZAB) at <https://www.kmk.org/zab/zeugnisbewertung.html>.

Magdeburg-Stendal University of Applied Sciences is striving to increase the proportion of women in its staff. We are therefore particularly pleased to receive applications from suitably qualified women. Magdeburg-Stendal University of Applied Sciences is certified as a family-friendly university and supports the compatibility of family and career in many ways.

If you have any questions about the advertised position, please contact Prof. Dr. Petra Schneider, telephone: +49 391 886 45 77, email: [petra.schneider@h2.de](mailto:petra.schneider@h2.de).

We look forward to receive your detailed application with certificates, references and proof of your professional expertise. Please use our online application portal by July 22, 2024.

*Application documents that are not considered will be eliminated six months after the end of the application process.*