



Shaping the future together for a society worth living in – this is the vision of TH Wildau! As a university of applied sciences, we aim to support societal transformation in a responsible and practice-oriented manner. We bring technology and management together, thereby creating interdisciplinary spaces for innovative learning environments and fostering creativity in research and teaching. In the Berlin/Brandenburg metropolitan region, our campus is known as a place where a range of professional cultures meet each other, collaborate and engage in lifelong learning. In the spirit that our campus integrates state-of-the-art facilities within 19th-century industrial architecture, our aim as professionals and as people is to forge connections.

At TH Wildau, as part of the internal funding programme “Sprungbrett Campus” – a career entry scheme for international graduates from non-EU countries, the following position in the department/faculty INW is to be filled from **1. September 2026** :

Staff member in the field of biological cultivation systems and sensor technology (m/f/d)

Reference number: 2026_SBC_15

This vacancy is aimed exclusively at international graduates of TH Wildau whose country of origin is outside the EU.

The position is part-time (20 hours per week) and initially limited until 31 December 2026. An extension of up to a maximum of 12 months' employment may be applied for.

The internal support programme at TH Wildau is designed to assist international graduates of TH Wildau from countries outside the EU in making the transition from their studies to the labour market. In addition to gaining temporary work experience at TH Wildau, they can build up an internal and external network and improve their knowledge of German (including technical language) as part of the supported role. Should there be any issues regarding residence rights and work permits, the graduates who are employed under the support programme will receive assistance from TH Wildau. An internal support programme featuring networking events, workshops, job application training, etc. provides further opportunities for exchange, networking and the development of personal skills.

TH Wildau thus helps these graduates to make the transition into the labour market.

Tasks:

- Participation in interdisciplinary research and development projects in the field of sustainable cultivation and supply systems
- Support with the planning, construction, expansion and operation of algae cultivation facilities as part of the Food4Future project
- Contribution to the expansion of the algae cultivation facilities at the Bad Saarow thermal spa
- Support with the development and integration of sensor, measurement and automation solutions
- Support with the programming and customisation of control, data acquisition and analysis systems
- Conducting experimental work, data analysis and documentation
- Collaboration with researchers in the fields of materials science, biology, process engineering and electrical engineering
- Technical support, maintenance and optimisation of the on-site systems: carrying out maintenance work on the algae cultivation systems at the Bad Saarow thermal spa. This requires travelling to Bad Saarow 1–2 times a week
- Further training in plant cultivation systems, sensor technology and control programming
- Attendance at German language courses to achieve B2 level
- Attending events to present the projects (e.g. trade fairs, children's and senior citizens' universities, etc.)
- Preparation of a poster presentation on the results in German
- Preparation of a short report (approx. 10 pages) on the activities, with particular regard to the effectiveness of the 'Sprungbrett' initiative
- Abschlusspräsentation sowohl der inhaltlichen Tätigkeiten als auch der erworbenen „soft-skills“ und der Verbesserung der Sprachkompetenz (Vorgesehenes Publikum: AG Faserverbund-Materialtechnologien, Leibniz IGZ, Abordnung der Hochschulleitung)

Job profile:

- a completed degree issued by TH Wildau (Bachelor's) in biosystems engineering, bioinformatics, mechanical engineering or physical energy systems
- Only individuals who are not currently enrolled as students and who have not yet successfully entered the workforce (please include this in your cover letter) may apply
- Individuals whose country of origin is outside the EU (non-EU nationality, place of birth outside the EU)
- Very good knowledge of MS Office
- The working language is German, or German language skills will be developed: If a candidate's German language proficiency is below level B2 of the Common European Framework of Reference for Languages, they are expected to develop their spoken and written German skills to the level mentioned above during their period of employment, where possible, through intensive, compulsory language courses outside working hours.
- A basic knowledge of German is required (A2 level of the Common European Framework of Reference for Languages)
- Good spoken and written English
- Participation in the internal support programme of the funding scheme is expected (e.g. networking events, workshops, job application training...)
- Strong commitment and independence (structured, self-reliant, precise and goal- and service-oriented approach to work)
- Friendly, customer-focused, creative, reliable, able to work under pressure
- Teamwork, organisational and good communication skills

What do we offer?

The successful candidate will have the opportunity to gain practical experience in an interdisciplinary research environment at the interface of biology, sensor technology, automation and sustainable cultivation systems. Under expert guidance and with intensive support, they will develop skills in the design, operation and optimisation of technical experimental setups.

Through participation in the Food4Future and NaFuVer collaborative projects, students gain experience in planning and carrying out experimental work, technical data acquisition, and the analysis and documentation of scientific results, all whilst working closely with experienced researchers. In addition, students are introduced to modern sensor, control and automation systems, including basic programming and data analysis tasks.

The role also offers the opportunity to develop skills in academic research, project management and intercultural collaboration within an international research team (comprising 10 nationalities in the Fibre Composite Materials Technologies group alone). Presentations, poster presentations and participation in public events further enhance communication skills in German and confidence in dealing with specialist scientific and technical topics.

Further benefits:

- flexible working arrangements to improve the work-life balance (including flexible working hours, short core working hours, alternating teleworking and mobile working, working in the parent-child office)
- meaningful, interesting, and varied activities and opportunities to actively shape the university in a variety of ways
- a trusting work culture based on equality
- Membership in an innovative university community with a family atmosphere
- additional pension provision through the Federal and State Pension Institution (VBL) and capital-forming benefits
- 30 days of vacation (depending on the number of working days per week) plus additional days off on December 24 and 31
- very good accessibility by public transportation (campus directly at the Wildau S-Bahn station)
- sufficient free parking spaces for cars and bicycles
- a wide range of continuing education opportunities
- Cafeteria on campus
- free use of the external company social counseling service provided by TELUS Health GmbH via the “Frag Elli” app
- various health and sports offerings, discounted membership at a gym with swimming pool



Please note: application costs (including travel expenses) cannot be covered.

The Technische Hochschule Wildau - Technical University of Applied Sciences Wildau is seeking to increase the proportion of female employees and encourages suitably qualified women to apply. Applications from severely disabled persons will be given preferential consideration if they have the same qualifications and skills. We also encourage all interested parties and current employees at Technische Hochschule Wildau - Technical University of Applied Sciences Wildau to apply. Applicants (f/m/d) with children are welcome – our university is certified as a family-friendly university.

Informationen

Remuneration is based on the collective agreement for public service positions for the federal states (TV-L) up to pay grade 9b, subject to the candidate meeting the personal requirements. This is a fixed-term position, in accordance with Section 14(1)(2) of the German Part-Time and Fixed-Term Employment Act (TzBfG).

Questions about the application?

Application management
Anita Reichelt

Our campus is located right next to the S-Bahn station (lines S8, S46)



TH Wildau in figures

- approximately 3,300 students from 60 different countries
- approximately 450 employees
- approximately 90 of whom are professors
- approximately €11 million in third-party funding

Feel free to visit us [online](#) in advance!

You can find more information about TH Wildau on the following pages: <https://www.th-wildau.de/>

We look forward to receiving your application!

Please apply using our [online application form](#), quoting the above reference number, **by June 15, 2026**.

Technical University of Applied Sciences Wildau
Hochschulring 1
15745 Wildau

Visit us also :

