

## TH WILDAU PROFILE

The largest university of applied sciences in the German state of Brandenburg.

- founded in 1991
- around 3,700 students
- around 20% international students
- around 36% female students
- 15 Bachelor's programmes
- 15 Master's programmes
- 2 faculties
- over 100 professors
- over 350 members of staff

### Key Areas of Expertise

- Engineering
- Natural sciences
- Business and management
- Information technology
- Law and administration

### International University Partnerships

- over 70 partner universities
- in about 40 countries around the world

### Applied Research and Development

- one of the most thriving research universities of applied sciences in Germany
- third-party funding in 2017: 11 million euros
- over 220 research projects
- over 100 active research and scientific contacts

### Awards and Rankings

- Most service-friendly university, INSM study 2007
- "Innovative University" 2017
- 3rd place in the StudyCheck university rankings 2018



## TECHNISCHE HOCHSCHULE WILDAU

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### Centre for International Affairs

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**TECHNISCHE HOCHSCHULE  
WILDAU: A MODERN  
CAMPUS UNIVERSITY ON  
BERLIN'S DOORSTEP**



## TECHNISCHE HOCHSCHULE WILDAU

### UNIVERSITY OF APPLIED SCIENCES

Technische Hochschule Wildau (TH Wildau) is a modern, excellently equipped and outward-looking university of applied sciences which has grown rapidly since being founded in 1991 on the site of a former locomotive works with more than 125 years of industrial history.

TH Wildau offers a wide range of technical and engineering degree courses, as well as business, computer science and administrative ones, both at bachelor and master level.

#### Applied Research and Scientific Training

Due to its particular focus on research, based on close contacts to research institutes and industry in the Berlin-Brandenburg region, TH Wildau has developed a hands-on and practical approach to its scientific and academic work.

Two research institutes are active on campus, one in the area of life sciences and biomedical technologies, the other in the area of material, development and productions.

The research staff is also involved in the development of innovative products and processes, especially in the areas of telematics, optical technologies and photonics, transport and logistics, and management and law.



Getting started at the TH Wildau meant overcoming challenges such as learning a new language, getting documents recognised and finding our way in a new culture. With the support of friends, students, language teachers and professors we have successfully managed to pursue our degree courses in automation technology and physical technologies and energy systems. Studying here has made us much more independent and self-confident, opening the door to new opportunities for our personal and professional development. When we have completed our degrees, we intend to work here in Germany.

*Louai and Samar Samara,  
international students from Syria*

One fascinating example of current research is the BioPIC project that is developing a photonic biosensor for medical uses. TH Wildau professors are currently working with the Leibnitz Institute and a German government ministry on this exciting innovation.

#### Digitalisation and Entrepreneurship

Digital integration has been recognized as a key issue and is now a priority in both research and teaching. As one of the few universities in Germany with a vice-president for digitalisation, TH Wildau is proud to lead the way for digital progress across the region with its new Centre for Digital Transformation.

The Venture Innovation Lab that encourages everyone at the university to try out and develop new ideas is only one of many practical illustrations of the entrepreneurial spirit that has flourished in Wildau in recent years.

In this space creative approaches are employed to promote strategic and innovative processes, helping start-ups to develop.

#### Academic Life

In the same way that teaching staff contribute with their innovative research to technological and economic development, the 3,700 students at TH Wildau are encouraged to apply what they learn in lectures and classes to their project work. Later on this will enable them to transfer their knowledge and skills to their jobs. They can then make their own contribution to the world around them.

As TH Wildau comprises two faculties, one focusing on engineering and the natural sciences, the other on business, computing and law, the goal is to tackle current challenges from a multidisciplinary perspective.

This can already be observed in the degree programmes that comprise, for example, engineering and management, or computer science and business.

Benefiting from state-of-the art facilities situated on one campus, TH Wildau students are trained to develop key competencies to deal with the complexity and diversity of our modern world. This approach is being realized by increasingly offering the degree courses in modular form incorporating a particular emphasis on e-learning.

#### International Mindset

With a fifth of its students coming from abroad, TH Wildau actively promotes the tolerance and openness that is essential for successful social development, economic wellbeing, and technological achievement.

It is hoped that all TH Wildau students will have actively experienced these values in the course of their studies, both inside and outside the lecture halls and laboratories.

This ethos has led the university authorities to attract a wide range of students and researchers from currently 70 partner universities in about 40 countries.

#### Combining the Local and the Global

When all the hard work, study, and play is over, it is a short step from the campus of TH Wildau to discover the surrounding Brandenburg countryside with its many lakes and forests, or to take the train to explore the cosmopolitan capital of Germany, Berlin, which lies only a short distance away.

We arrived from Ukraine four years ago to carry out research under the supervision of Professor Frohme at TH Wildau. This has turned out to be a dream job and a realization of our different scientific plans in the fields of cancer nanomedicine and food science. With our five-year old son Artem we have created a great work-life balance which means both of us working as scientists is less of a challenge and more of an ongoing adventure.

*Anna und Dr. Sergii Grebinyk,  
international researchers  
from Ukraine*

