

## MODERN CAMPUS UNIVERSITY WITH A LONG TRADITION

The Technical University of Applied Sciences Wildau was founded in 1991, but the location is linked to a much longer tradition of engineering education.

The third largest locomotive manufacturer in Germany, the Berliner Maschinenbau AG, formerly called L. Schwartzkopff, built a new plant, including a workers' housing estate, in 1898 on the extensive 600,000 m<sup>2</sup> site. To meet the growing demand for skilled workers, the company opened in Wildau a technical school for locomotive and wagon construction in 1949. This started the restructuring of the site to a place of heavy machinery which in turn led to the establishment of the School of Engineering, the immediate predecessor of today's TUAS Wildau. The institution quickly acquired a good reputation through the training of mechanical engineers. This was mainly due to the direct connection to the technical operations on the location, the sound and application-specific knowledge that students acquired and the modern equipment of the laboratories.

## THE TUAS WILDAU IN BRIEF

- More than 4,000 students of which 23% being international students
- 92 professors in the two faculties of "Engineering and Natural Sciences" and "Business, Computing and Law" plus about 350 staff members
- 14 Bachelor degree programs (of which 8 can also be studied as dual courses and 2 as part time vocational courses),
- 11 Master degree programs and 3 postgraduate Master courses
- The quality assurance and the development of the courses are self-regulatory through the system accreditation framework
- Certified quality management follows the international training standard ISO 29990
- Modern Campus to the south-east of the state capital Berlin with direct S-Bahn train connections to Berlin
- Since 2001, the top research university in Germany in terms of the ratio of external funding to professorships
- External funding 2016: € 10,5 million
- Applied research in more than 220 research projects
- Award for "Library of the Year 2012"
- Certified as "Family Friendly University"
- Active international university partnerships with over 100 partners in 60 countries



## TECHNICAL UNIVERSITY OF APPLIED SCIENCES WILDAU

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## STUDYING AT THE TUAS WILDAU

The Technical University of Applied Sciences Wildau is an innovative and future-oriented campus university in the green and lake-rich area near Berlin. As a university with a strong focus on both research and practice, the TUAS Wildau maintains close contacts with regional and international companies and research institutions. The students find excellent study conditions in the fields of engineering and natural sciences, business, computer science and law on a modern campus, steeped in tradition. Due to direct contact with research, science and industry and valuable advice from the university's Career Service many students easily enter into professional life.

*No tuition fees are charged (except for courses at the Wildau Institute of Technology e.V.).*

### Engineering degree courses

- Automated energy systems (M. Eng.)
- Automation Technology (B. Eng.)
- Automation Technology (B. Eng.), dual courses of study (training- integrated study courses)
- Aviation Engineering / Aviation Logistics (B. Eng., M. Eng.)
- Aviation Engineering / Aviation Logistics (B. Eng.), dual courses of study (training-integrated study courses)
- Aviation Management (M. AVIMA), postgraduate studies offered by the Wildau Institute of Technology e.V., part-time (tuition fees apply)
- Industrial Engineering and Management (B. Eng.)
- Industrial Engineering and Management (B. Eng.), dual courses of study (training-integrated study courses)
- Industrial Engineering and Management (B. Eng.), part-time
- Logistics (B. Eng.)
- Mechanical Engineering (B. Eng. , M. Eng.)
- Mechanical Engineering (B. Eng.), dual courses of study (training-integrated study courses)
- Photonics (M. Eng.)
- Physical Engineering / Energy systems (B. Eng.)
- Physical Engineering / Energy Systems (B. Eng.), dual courses of study (training-integrated study courses)
- Technical Management (M. Eng.)
- Transportation systems technology (B. Eng.)
- Transportation systems technology dual courses of study (training-integrated study courses)

### Applied computer sciences degree programmes

- Library computer sciences (M. Sc.), postgraduate studies offered by the Wildau Institute of Technology e.V., part-time (tuition fees apply)
- Biosystems Technology / Bioinformatics (B. Sc., M. Sc.)
- Telematics (B. Eng., M. Eng.), dual courses of study (practice-integrated)
- Business Computing (B. Sc., M. Sc.)

### Business, Administration, Law

- Business Administration (B. A.)
- Business Administration (B. A.), dual courses of study (part-time)
- Business Management (M. A.)
- European Management (B. A. , M. A.)
- Master of Business Management (MBA), postgraduate studies offered by the Wildau Institute of Technology e.V., part-time (tuition fees apply)
- Public Administration Brandenburg (LL. B.), dual courses of study (practice-integrated) (joint course of study for regional and municipal government)
- Business and Law (LL. B., LL. M.)

### Contact

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## RESEARCH AT THE TUAS WILDAU

At the TUAS Wildau research and development and knowledge and technology transfer are regarded as a single entity. Along with academic teaching, they are one of the main pillars of the work at the university. The TUAS Wildau is an active member in numerous national and international networks for scientific exchange and transfer. It also regards itself as a significant regional player and takes into consideration the needs of regional science, economic and administrative structures when planning its research and transfer projects.

### The research profile of TUAS Wildau has six main research fields:

- Applied Life Sciences
- Informatics / Telematics
- Optical Technologies/Photonics
- Production and Materials
- Transport and Logistics
- Management and Law

### Contact

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## INTERNATIONAL RELATIONS OF TUAS WILDAU

The Technical University of Applied Sciences Wildau is well connected in the global education market and actively promotes the international exchange of students and academics. Nearly 1,000 students, or nearly a quarter of all students, come from around 60 countries. The exchange of local and international incoming and outgoing students is made possible with the Erasmus program through various programs offered by the German Academic Exchange Service (DAAD) as well as through bilateral university cooperation agreements.

The degree courses Logistics, Industrial Engineering, Telematics and European Management have been successfully exported to other countries. The students of these courses can obtain a double degree from TUAS Wildau and the respective partner university. In addition, there are agreements on double degrees or joint degree programs with other universities in the European Union.

There are more than 100 active research and scientific contacts with universities and research institutions in the European Union, Eastern Europe, Asia, North, Central and South America and Africa.

### Contact

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## HEALTHY UNIVERSITY

Using the slogan "University in Top Form", the TUAS Wildau is working with the Techniker Krankenkasse, one of Germany's leading health insurance companies, in a pilot project on developing a holistic health structure at all levels. It seeks to provide students with health strategies and to encourage them to become ambassadors for health in their future work in business, science and administration.

### Contact

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