

Aschaffenburg

University of Applied Sciences

Eight good reasons

School of Engineering



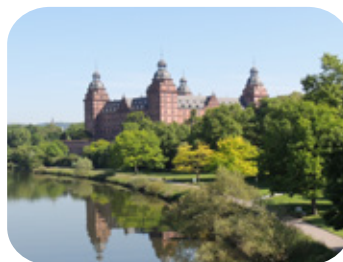
TH Aschaffenburg
university of applied sciences

... to study at Aschaffenburg University of Applied Sciences

1. In Aschaffenburg you will find the **perfect setting for practice-oriented studies**: small study groups, personal mentoring by highly committed staff members and professors with a wide network of industry and employers as well as an attractive campus.
2. Thanks to its **high quality of teaching**, the cooperation with industry and its modern equipment Aschaffenburg University of Applied Sciences holds top positions in all relevant university rankings and evaluations.
3. Aschaffenburg University of Applied Sciences offers its students all the **advantages of a small, yet modern university**: personal atmosphere, individual mentoring and modern equipment in lecture halls and labs. The campus with its historical buildings and green area is situated close to the city centre and all major shopping and sport/leisure facilities as well as cafes, pubs and restaurants are within walking distance.
4. Aschaffenburg is the ideal destination for doing your studies in a country with a long-standing reputation for **innovation and excellence**. Germany is a major economic power and challenging opportunities in a pleasant atmosphere await you here.
5. Aschaffenburg has a lot to offer: **international companies and an excellent infrastructure**, one of the largest forested areas in Central Europe with a mild climate and very good beer and wine. The Bavarian Lower Main area reflects all the important economic sectors: state of the art technology, industry, commerce, service and crafts. High-tech businesses are a fast-growing phenomenon in the area e.g. in the automotive and IT industry.

6. We are located in the **centre of Germany**, very close to Frankfurt – Frankfurt airport is around 30 km away and Munich can be reached in 2.5 hours and Berlin and Hamburg within 4/4.5 hours by direct public transport/train.
7. As a student or faculty member you will have **easy access to several countries, languages and cultures in the heart of Europe**. You can take advantage of these opportunities and pick up some German on the way. We can organise separate German classes for you so that **German language instruction** at various levels can be incorporated into your stay in Germany.
8. Studying at Aschaffenburg University combines the unique opportunity to **discover Germany/Europe** with the chance to take an active part as a full-time student **for a semester or year**, carry out project work (in cooperation with enterprises) or participate in one of our **short-term mobility** programmes such as the International Project Week, the Global Master School, intensive German language classes in summer or an **internship**.

We look forward to welcoming you here on our campus in Aschaffenburg!



School of Engineering

Studying as an international student at our School of Engineering

...allows you to study in a practice-oriented way and in a personal atmosphere.

Aschaffenburg University of Applied Sciences holds top positions in all relevant university rankings and evaluations. Small study groups, modern lecture halls as well as highly committed professors and staff members ensure a high quality of teaching. In addition to traditional lectures, we offer tutorials in small groups as well as e-learning units. Our exceptionally equipped laboratories offer hands-on experience in a broad range of subjects.

Many international companies are located in and close to Aschaffenburg. If you would like to complete your stay abroad with an internship in Aschaffenburg, you can choose from high-tech companies in industries such as the Automotive, Automation, Control and Drives, Robotics, Material Sciences, and Optical Industry.



Full-time Bachelor Programmes taught in German

3.5 years incl. a 6-month internship

- Electrical Engineering and Information Technology
- Industrial Engineering
- Industrial Engineering and Materials Technologies
- International Technical Sales Management
- Mechatronics
- Medical Engineering and Data Science
- Modern Materials
- Multimedia Communication and Documentation
- Renewable Energies and Energy Management
- Software Design
- Software Design International
(in English, starts winterterm 2023/24)

Full-time Master Programmes taught in German

1.5 years

- Applied Research in Engineering
- Electrical Engineering and Information Technology
- Industrial Engineering
- International Energy Project Development
(in English, starts summerterm 2024)

In-depth Courses to choose from

- Automotive Mechatronics
- Data Science
- Design Engineering and Development
- Digital Medical Technology
- Digital Transformation
- Drive Technology and Robotics
- Information and Automation Technology
- International Sales (in English)
- Logistics
- Microelectronic Systems and Design
- Microelectronic Technologies and Applications
Microsystems
- Production Engineering
- Energy supply and efficiency
- Sales Management
- Computational Engineering and Energy

English-taught Courses

Various lectures are taught in English and available for international/Erasmus+ students. You can choose from lectures or lab courses from our fields of studies such as Medical Engineering and Data Science, Electronics, Mechatronics, Industrial Engineering, International Technical Sales Management, Renewable Energies and their related subjects.

www.th-ab.de/course-offer

Within the internationally focused course “International Technical Sales Management”, you can for example attend the Engineering Basics lecture. The in-depth course “International Sales” is entirely taught in English.

www.th-ab.de/ipw

Double Degree Programmes

In cooperation with Seinäjoki UAS, Turku UAS, Finland and the CDHAW at the Tongji University, China, students are able to take part in a double degree programme.

www.th-ab.de/ddengineering

Lectures currently taught in English (selection)

- Engineering Basics I - III
Principles of Technical Optics, Principles of Mechanical Engineering, Principles of Electrical Engineering
- Engine Testing
- Engineering Project
- Logistics and Production
- Mathematics III and Simulation
- Modelling and Simulation of Engineering Systems
- Intercultural Project Management
- Simulation Methods I
- Technology and Innovation Management
- Technical Systems

Lab courses currently taught in English (selection)

- Experimental Methods in Mechanical Vibrations
- Digital Fabrication Lab
- Laboratory course Dynamic Systems
- Lab Process Data Processing
- Mechatronic System Labs
- TRIZ - System Innovation
- Robotics Lab

Short-term experience abroad:

International Project Week in April/May (2 ECTS)

Since May 2012 the Faculty of Engineering has been offering the International Project Week to allow international and Aschaffenburg students to gain experience in working in international, interdisciplinary project teams. Students from our partner universities can participate without any tuition fees.

www.th-ab.de/ipw

Laboratories

In more than 30 exceptionally equipped laboratories we offer our students the opportunity to enhance their engineering skills and technical knowledge. You can select from a broad range of Electrical and Mechanical Engineering subjects and laboratory practices.

For example you can...

- ...understand how robots work in our Centre for Advanced Mechatronics and Robotics Aschaffenburg
- ...control car electronics in the Automotive Mechatronics Lab
- ...put your basic knowledge of physics, material sciences and measurement techniques into practice by taking part in a lab course at the Centre of Natural Sciences
- ...learn how to create an electric vehicle in the laboratory for Power Electronics and Electrical Drives
- ...simulate the operation of a wind turbine in the Renewable Energies Lab
- ...examine the design and function of micro-electro-mechanical-systems in our clean room facilities



Language Centre

Effective (business) language training plays an important role and is highly valued at Aschaffenburg University of Applied Sciences. Our modern language labs both on Campus 1 and 2 offer more than 50 work stations that can be used with the trainer, for self-study and group and project work purposes. Qualified tutors and teachers are available to assist students in the language labs. This wide range of courses carefully prepares our students for the world of work in the age of globalisation and internationalisation.

Besides compulsory courses in Business English, Legal English or Real Estate English and Business French/Business Spanish in some courses of studies the following language courses can be taken as (general) electives: www.th-ab.de/language-centre

- English for Business Travel and Tourism – Technical English Preparation for Cambridge BEC (Business English Certificate) Higher – German as a Foreign Language – French – Finnish – Chinese – Italian – Japanese – Russian – Spanish

In addition to the German classes during the term, we also offer four-week German Intensive Courses every August (special discount for Erasmus+/international exchange and host students).

www.th-ab.de/learngerman

Winter Term: Beginning of October – End of January
Application deadline: June 1st
Summer Term: Mid March – End of July
Application deadline: December 1st

Academic year

Aschaffenburg University also boasts an active Student Union and Alumni Association.

International Office

Our International Office will support you in making your stay as effective and pleasant as possible. A variety of accommodation options are available on-campus and in the nearby area. For further information about accommodation possibilities please see our website: www.th-ab.de/accommodation

Students can look forward to an exciting stay in the Rhine-Main area with a varied culture and leisure programme, excursions and many more events and activities. There is an orientation week starting two weeks before the start of each term. Each international student can enrol in the student buddy programme.

Please consult our guide for international students and our website in English: www.th-ab.de/incoming

Career Service

The Career Service is responsible for additional courses and events that facilitate students' step into their future job life. The Career Service is also supporting students in their application process regarding internships/work placement positions in the region and abroad. Its services can be divided into the three areas: study and career guidance, further education and contact to local companies in order to create a bridge between study and job. TH Aschaffenburg is also proud to host each May the Campus Careers with more than 80 employers from the region and beyond on campus.

www.th-ab.de/cs



Contact

TH Aschaffenburg

University of Applied Sciences
Würzburger Straße 45
63743 Aschaffenburg
Germany
info@th-ab.de

International Office

international@th-ab.de | incoming@th-ab.de
Phone +49 6021 4206-850 or -741
www.th-ab.de/incoming