



FHWS

FHWS University
of Applied Sciences
Würzburg-Schweinfurt

Who We Are

FHWS
INTERNATIONAL



Legal notice

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Dear Future Partner,

FHWS is one of the four largest universities of applied sciences in Bavaria. Our university offers excellent education and devotes particular attention to internationalisation and applied research. For more than 200 years, FHWS has been offering a wide range of practise-oriented study programmes, constantly adapting teaching to the needs and challenges of local and international industry. English-taught bachelor programmes have been an essential part of our unique FHWS i-Campus concept since 2014.

FHWS and its partners

Over the last 30 years, FHWS has established partnerships with universities and colleges in more than 80 countries worldwide. We have redefined our globalisation concept and are looking for further partners to set up a reliable and intense cooperation in the field of

- exchange of students and scholars
- applied research
- joint development of curricular.

Let me introduce you to FHWS, our spirit of innovation and quality commitment. Let's get in touch and start talking about a future cooperation.

Kind regards,
Prof. Dr. Robert Grebner
President of FHWS



Some Facts About FHWS

FHWS is a state university with more than 200 years of history, more than 9,100 students and 200 professors. Around 1,300 students from over 100 nations are attending our international degree programmes.

Awards

We are very proud that several of our students won prestigious national and international awards in the past years such as: the first place in the notable ADC ranking, the Best Student Paper Award 2019 from the IEEE Global Engineering Education Conference (EDUCON), KI2020: Best Paper Award for bi-lab, 1st place at Robothon - The Grand Challenge 2021 as well as the OPUS KLASSIK award for FHWS project "Mozart and AI" in 2021 and many more.

Campus life

Our university is located in two cities, in Würzburg and in Schweinfurt, where ten faculties offer 26 bachelor's and 19 master's degrees to choose from.

FHWS International

FHWS has over 230 partner institutions in more than 80 countries across the globe and aims for more. Our ambition is to become *the* most international university of applied sciences in Bavaria. Our five English-taught bachelor's programmes form a solid basis for this target.

Location

FHWS is situated in one of the most beautiful regions of Germany, in the northern part of Bavaria. The favourable geographic location makes both cities, Würzburg and Schweinfurt, perfect starting points to explore Germany and Europe.



What Makes Us Special?

Our mission is to deliver excellent education. As a university of applied sciences, FHWS collaborates closely with local and translocal industry for the benefit of a practice-oriented education and research. Our professors have professional experience in business and industry of at least five years before they start teaching at our university. Teaching at FHWS means that we meet the challenging demands of future employers and equip our students accordingly.

Innovation

FHWS was the first German university to establish highly innovative degree programmes such as E-Commerce (2012), the English-taught Bachelor of Engineering-TWIN-programmes (2014), International Social Work with Refugees and Migrants (2016) and Robotics (2020). This up-to-date education enables 100 % of our graduates to find employment within two months after completing their degree.

Rankings

National CHE ranking has placed FHWS among Germany's top universities: in 2015, our Bachelor's programme of Computer Science was ranked best in Germany, in 2016, our bachelor's programme of Architecture was ranked 5th. In 2017, 2018 and 2020 FHWS reached top rankings for "contact to professional practice" and "international orientation". FHWS achieves top results in the world U-Multirank each year.

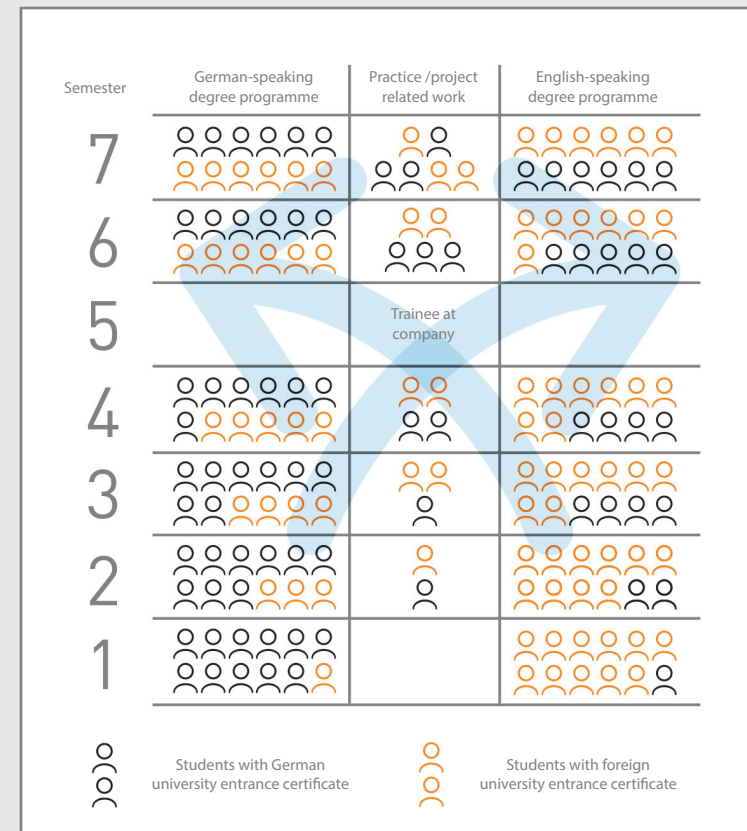


Unique in Germany: FHWS i-Campus and Its TWIN-Programmes

The TWIN bachelor's programmes are FHWS's response to the challenging demographic change. Our unique concept was awarded the MINternational Best Strategy Award.

A growing number of international students are joining their German fellow students at FHWS wishing to become an engineer in Germany. The English-taught bachelor's degree programmes are structured in the same way as the high-quality German degree programmes FHWS has been offering for decades. Outstanding German engineering education is guaranteed and has been transferred to a different linguistic environment. International students are provided support through intensive German language courses and intercultural awareness training. This valuable settlement support prepares our students for a successful future career in Germany and helps us to achieve our main concept goal: to enable our students to switch between courses and languages. During their studies, international students become more proficient in the German language and start to select German-instructed courses more frequently, as shown in our X-Modul graphic on the right.

This bilingual teaching concept perfectly qualifies our TWIN bachelor students for a successful career in Germany and abroad.





Research at FHWS

FHWS has a strong commitment to research. We currently focus on a unique interdisciplinary research on artificial intelligence and robotics. FHWS is going to establish two competence centres providing us with an excellent research environment.

Center of Artificial Intelligence (CAIRO)

A center for the transfer of technology as well as a catalyst for skills and competences servicing all Bavarian enterprises, higher education institutions and founding initiatives.

Center of Robotics (CERI)

A center for the Bavaria-wide application of AI approaches via robot applications with the integrated Germany-wide first robotics degree program.

The cooperation and networking of both centres allow an immediate practical implementation of developed AI approaches. Furthermore, ten faculties as well as eight interdisciplinary, application-oriented institutes at FHWS are involved in creating an adequate academic framework for AI research.

IDEE
Institute
Digital
Engineering

IFAS
Institute
for Applied
Social
Sciences

IAL
Institute
of Applied
Logistics
Solutions

IDIS
Institute
for Design
and
Informative
Systems

IMES
Institute
of Medical
Engineering
Schweinfurt

IEHT
Institute
for Power
Engineering
and High
Voltage
Technology

IREM
Institute
for Rescue,
Emergency
and Disaster
Management

TTZ-EMO
Technology
Transfer
Centre for
E-Mobility

Extensive cooperation with the local industry and the relevant FHWS institutes is our key to successful teaching.



Degree Programmes

Our university provides a broad range of courses and offers the following German and English degree programmes at our locations in Würzburg and Schweinfurt.

Bachelor's Degree Programmes

Architecture, Business Administration, Business Analytics, Business and Engineering, [Business and Engineering \(in English\)](#), Business Information Systems, Civil Engineering, Communication Design, Computer Science, E-Commerce, Electrical Engineering, Geovisualisation, Healthcare Management, Hydrogen Technology, Industrial Mathematics, [International Management \(in English\)](#), Logistics, [Logistics \(in English\)](#), Mechanical Engineering, Mechatronics, [Mechatronics \(in English\)](#), Media Management, Plastics and Rubber Engineering, Robotics, [Robotics \(in English\)](#), Social Work, Specialized Translation (Business or Technical), Surveying and Geoinformatics

Master's Degree Programmes

Applied Mathematics and Physics, Artificial Intelligence, Behavioral Counseling, Brand and Media Management, Business and Engineering, Design & Information, Digital Business Systems, Electrical Engineering, Geodata Technology, Healthcare Management, Innovation for Small and Medium Enterprises, Integrated Design and Construction, [International Social Work with Refugees and Migrants \(in English\)](#), Managing Global Dynamics, Product Development and Systems Design, Social Work, Specialized Translation with Media Translation, Trade Journalism and Corporate Communications (Technology or Business)

Advanced Training Master's Degree Programmes

Behavioral Counseling, [Management of Business Transformation \(in English\)](#), Music Therapy for Empowerment and Inclusion, Healthcare Management, [International Business \(in English\)](#)



Franconia

Both FHWS locations Würzburg and Schweinfurt are situated in one of the most beautiful regions of Germany. Franconia, in the northern part of the federal state of Bavaria, offers excellent recreational possibilities for culture and dining; it is one of the sunniest spots in Germany, thus it is renowned for its wine-growing.

Due to their geographic situation, the two locations offer ideal starting points to explore Germany and Europe. The nearest international airports in Frankfurt and Munich are easy to reach.



Würzburg: Leisure and Culture

FHWS's biggest location is in the city of Würzburg, hosting seven faculties. With a population of almost 130,000 Würzburg is a surprisingly cosmopolitan Bavarian city filled with architectural and artistic treasures - and an ideal place for living and studying. You can enjoy the mild climate in this green city relaxing in countless pubs and cafes or visiting the manifold cultural offers of theatres, concerts and museums. The Würzburg Residence is

one of the most significant palaces in Europe and has been a UNESCO World Heritage Site since 1981. The Röntgen Memorial Site, located in at least two laboratory rooms of FHWS, is dedicated to the work of the German physicist Wilhelm Conrad Röntgen and his discovery of X-rays.

Schweinfurt: A City with Ambiance

The second FHWS location is in the industrial city of Schweinfurt. With its 54,000 inhabitants, Schweinfurt - the world's capital of ball bearings - is one of the fastest-growing cities in Germany and an important business hub in the region. Many regionally and internationally operating companies are based here, e.g. Schaeffler, Bosch-Rexroth, SKF, Jopp, Fresenius, ZF etc.

A range of museums, galleries and historic buildings, such as the Renaissance Town Hall and the church of St. Johannes, keep residents and visitors entertained. The museum Georg Schäfer specialises in 19th-century paintings by artists from German-speaking countries.

Schweinfurt has plenty of facilities to keep you active. Parks and river paths provide opportunities for walking, jogging, hiking and skating. People even go windsurfing and canoeing on Main River.



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