



FHWS – University of Applied Sciences Würzburg-Schweinfurt

Information about the university

- > One of the largest universities of applied sciences in southern Germany
- > Degree programmes with a combination of theoretical and practical components
- > Modern infrastructure and state-of-the-art facilities
- > More than 40 degree programmes offered by 10 faculties
- > 9,100 students (summer semester 2021)
- > Close cooperation with regional and trans-regional companies

Location

- > FHWS is situated in Lower Franconia, one of the 10 leading high-tech regions in Europe
- > Schweinfurt is a prosperous city with about 50,000 inhabitants, numerous high-ranking companies and a long industrial history.



The Future Is What You Make of It – Studying on the FHWS i-Campus

International focus

- > Cooperation with more than 230 universities worldwide
- > Students from more than 80 different countries
- > Over 30 years of experience in international cooperation
- > Open-minded and creative atmosphere
- > Language training courses

Become part of an international network

- > English degree programmes
- > TWIN concept: Possibility to switch between German- and English-taught programmes

Gear up for the future

- > Qualification for international careers
- > Strong focus on practical training and employability



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FHWS

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Robotics





Degree Programme

Robotics is an innovative and rapidly growing field of technology with disruptive potential for everyday life. Even today, robots can be found in many areas and their importance is steadily growing.

The rise of robots began as part of the third industrial revolution. Over the past decades, they evolved into sophisticated and highly complex systems. As a consequence, development and implementation of robotic systems requires profound knowledge and proficiency in a variety of areas. FHWS' Bachelor's degree programme in Robotics is designed to equip future robotic engineers with all necessary competences they need to create world-changing robots. Successful graduation opens the door to an interesting and promising field of employment.

TWIN-Programme

The Bachelor's degree programme in Robotics will be part of our TWIN study programme: It will be offered in German and English, thus enabling students to switch between the programmes and improve their language and intercultural skills. Students who completed their studies in both languages will be granted a TWIN-Certificate and enhance their eligibility for an international career.

Programme Structure

Sem.	Modules
1-4	Basic Studies Fundamental and advanced courses in Computer Science, Electrical Engineering and Mechanical Engineering
5	Internship Technical internship in a company
6-7	Specialization and Thesis Specialization in Industrial Robotics, Mobile Robotics, and Humanoids and Service Robotics; Bachelor's Thesis

Graduation

Bachelor of Engineering (B.Eng.)

Key Facts at a Glance

- > Standard period of study: 7 Semester (3.5 years)
- > Mode of study: Full-time
- > Credits: 210 ECTS
- > Language of instruction: 100 % English
- > Study location: Schweinfurt, Germany

Admission Requirements

University entrance qualification

- > Certificate of completion of secondary education. Proof of previous higher education and qualifications (if applicable).
- > TestAS with a minimum of 100 points in each module (Core Test and Subject-Specific Test: Engineering) is required for all non-EU applicants.

Knowledge of English

A solid knowledge of the English language (at least B2 level of CEFR) is required for studies at FHWS. Applicants, whose mother tongue is not English, must provide one of the following proofs of English language proficiency:

- > TOEFL test with min. of 83 points (Internet-based)
- > IELTS with a min. of 6.0 points

Other accepted language examinations and levels are listed on our website.

Knowledge of German

Non-native speakers must demonstrate knowledge of the German language at A2 level of CEFR (Common European Framework of Reference for Languages). This proficiency level with corresponding certificate can also be achieved within the first two semesters of your studies at FHWS. The university will organise special German classes for international students.

Tuition Fees

The German education system is state funded. Apart from general living expenses, students at FHWS in Schweinfurt only have to pay an administrative fee of about € 97 per semester.

Application

Applications have to be submitted online. The formal deadline for applications is 15 July for the following winter semester. An early application is highly recommended for international students. For further information on application procedure, please check our website: www.international.fhws.de/en

Support

All English degree programmes include German classes and intercultural training in order to ensure the best possible integration of international students. A special Orientation Programme will familiarise students with life in Germany and at FHWS. Students have the chance to take part in various cultural events and other services, such as guided tours, field trips and workshops that are offered during the semester.