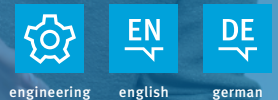




BACHELOR OF ENGINEERING (B. ENG.)

INTERNATIONAL STUDY PROGRAMMES IN ENGINEERING



FACULTY OF MECHANICS AND ELECTRONICS

The future is now – become an engineer and develop the technical solutions of tomorrow in one of Europe’s most innovative regions! At our faculty, we offer flexible entrance opportunities for international applicants.

INTERNATIONAL PERSPECTIVES

Over the last years, Germany has become the most popular non-English-speaking destination for international students. The high quality of study programmes, the affordable living and tuition costs as well as the diverse opportunities in the heart of Europe make the decision easy.

The Faculty of Mechanics and Electronics offers two study programmes with flexible entry requirements for international applicants. Students pursue their basic studies in English. Simultaneously, they learn German during the semester and the semester breaks. The main studies are taught in German. Upon graduation, our graduates will possess all the important competences to pursue their (inter) national career as an engineer: a sound theoretical basis, strong problem-solving skills, language proficiency and intercultural experience.

ENGINEERING PROGRAMMES

Electrical Systems Engineering (B. Eng.)

This programme provides a basis for future key technologies such as Artificial Intelligence, E-Mobility or Smart Factories. Core contents include control technology, circuit design and simulation, information technology, and power electronics.

› www.hs-heilbronn.de/en/ese

Mechatronics and Robotics (B. Eng.)

This course caters for the growing demand for well-qualified engineers for Autonomous Driving, application of industrial robots and the development of new service robots. Core contents include robotics, sensors and electrical actuators, information technology, engineering design and Human Machine Interface.

› www.hs-heilbronn.de/en/mr

WHY STUDY IN HEILBRONN?

Founded in 1961, Heilbronn University of Applied Sciences (HHN) is located in a highly dynamic region and close to metropolitan cities such as Stuttgart, Mannheim and Heidelberg. Heilbronn-Franken is the region with the most world-market leading companies in Germany. Examples include Bosch, Audi, Würth, Mustang, Bechtle, alfi, Illig, Ziehl-Abegg and Kaufland / LIDL.

Besides the attractive job market, HHN provides an excellent environment for your academic development. Our students benefit from our up-to-date technical facilities and excellent company links. We are proud to welcome students from diverse backgrounds and strive to offer comprehensive support for ensuring flexible study paths (tutorials, language courses, part-time studies, mentoring, career service etc.).

APPLICATION PROCEDURE

LANGUAGE REQUIREMENTS

- Proof of English language skills:**
- > IELTS TEST LEVEL 6.0
 - > TOEFL-TEST WITH 79 POINTS (ITB) etc.
- Proof of German language skills:**
- > good knowledge recommended (min. A1)
 - > telc Deutsch
 - > Goethe Certificate

RECOGNITION OF CERTIFICATES

Application for recognition at the Center for International Students of the Universities of Applied Sciences Konstanz
<https://t1p.de/o8vx>

APPLICATION FOR BACHELOR DEGREE

Application at Heilbronn University
www.hs-heilbronn.de/application

Closing Date of Application:
15th July

Start
winter
semester

PROGRAMME STRUCTURE (FULL TIME)

START WITH

- > Recognition of university entrance qualification
<https://t1p.de/o8vx>
- > German language skills
- > English language skills

CONTINUE WITH

- > Successful completion of intensive German Language Course

CONTINUE WITH

- Proof of German skills**
- > DSH-1, Telc B2, or Goethe B2

BASIC STUDIES IN ENGLISH 1ST AND 2ND SEMESTER

1 2

- > Mathematics
- > Physics
- > Programming
- > Electrical Engineering
- > Engineering Mechanics
- > Intensive German Language Course (evenings + semester breaks)

MAIN STUDIES IN GERMAN 3RD AND 4TH SEMESTER

3 4

- Electrical Systems Engineering**
- > Electrical Drives
 - > High Frequency Technology
 - > Circuit Design
- Mechatronics and Robotics**
- > Engineering Materials
 - > Control Engineering
 - > Industrial Robots

PRACTICAL SEMESTER IN GERMANY/ABROAD 5TH SEMESTER

5 6

- Practical experience**
- > Practical experience in an industrial enterprise
 - > Specific engineering tasks
 - > Independent work
 - > Realistic work environment
 - > Networking with experienced engineers
 - > Attractive salary

MAIN STUDIES IN GERMAN 6TH AND 7TH SEMESTER

7 Bachelor (B. Eng.) 210 Credits

- Advanced coursework**
- > Student research project
 - > Technical specialisations
 - > Advanced theoretical knowledge
 - > Interdisciplinary competences
 - > Bachelor Thesis

Master programme
Career entry

ADVICE & COUNSELLING

Central Student Advisory Office

E-Mail:
study@hs-heilbronn.de

Faculty of Mechanics and Electronics

For programme and application details
E-Mail:
t1-international@hs-heilbronn.de

Departmental Advisor

Prof. Dr.-Ing. Peter Ott
Programme Director International Study Programmes
E-Mail: peter.ott@hs-heilbronn.de

START OF STUDIES

Winter term – September
Closing date for applications:
> July 15th

Tuition Fees

1,500 €/semester
Details: www.hs-heilbronn.de/tuition-fees

APPLICATION

Please see
www.hs-heilbronn.de/application
Also see the programme pages
www.hs-heilbronn.de/en/ese
www.hs-heilbronn.de/en/mr

CONTACT

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