



Engineering Science (B. Eng.)

Bachelor's Program

Department of Engineering and Applied Design

unfold your career



**Hochschule
Hof**

University of
Applied Sciences

Engineering Science – What is it all about?

Unlock your future with **German engineering excellence!**

Our Bachelor of Engineering Science is an innovative, English-taught program that blends Industrial Engineering, Mechanical Engineering, and Mechatronics. It equips you with the technical expertise and interdisciplinary mindset needed to tackle real-world challenges in global industries.

To support your academic and professional success, the program includes mandatory German language training up to level B2, opening doors to career opportunities in Germany and beyond.

You will start with a **flexible, fully online first semester**, allowing you to begin your studies from anywhere in the world. Throughout the program, you will gain practical experience through industry collaborations, hands-on projects, and a final internship. Thus, you graduate with the skills to shape the future of technology!



What do I gain with this B.Eng.?

This Bachelor's program equips you with

- _ deep expertise in core engineering disciplines such as mechanics, manufacturing, automation and Industry 4.0,
- _ hands-on experience through cutting-edge labs, industry projects, and a practical phase,
- _ the ability to develop sustainable, forward-thinking solutions for industrial and environmental challenges.
- _ strong intercultural and teamwork skills, preparing you for leadership roles in international environments.

In addition, you benefit from

- _ a future-oriented curriculum, designed to match the needs of modern industries.
- _ strong industry connections for internships, projects, and career opportunities.
- _ German language proficiency (level B2) by graduation, enhancing your job prospects in Germany and beyond.

Further information is available on
www.hof-university.de



Fast facts



Degree awarded

Bachelor of Engineering (B. Eng.)



Duration

7 semesters (including Bachelor's thesis)

Semester 1: online

Semester 2-6: on-site at campus Hof

Semester 7: mandatory internship in industry and thesis



Language of instruction

Fully taught in English, with intensive German language training up to level B2, allowing access to a broader selection of electives in semesters 5 and 6.



Internship

Mandatory internship in industry (semester 7)



Tuition fees

No tuition fees; just an administrative fee of approx. € 150 per semester



Services and support for international students

- _ organisational support before and during your studies at Hof University
- _ assistance in finding accommodation
- _ Orientation Week prior to the start of your studies
- _ social integration through networking events and cultural programs
- _ career-promoting activities such as intercultural trainings, field trips, and company visits
- _ free public transportation within the city of Hof

Special features

Flexible online first semester

Designed for maximum flexibility and international accessibility, the program begins with an online first semester, allowing students to start their studies from anywhere in the world. However, it is mandatory to take the exams for the first semester on-site at Hof University during the first two weeks of March.

German language skills

To support integration and career opportunities in Germany, all students take intensive German language courses during semesters 1–4 to achieve B2 level. Upon reaching B2, students can choose electives in semesters 5 and 6 in German, offering a broader selection of courses.

Internship

Our B.Eng. students spend the seventh semester doing a paid practical internship in industry. The Bachelor's thesis is also project-based and done in cooperation with a company. Thus, you can immediately apply your knowledge and gain profound professional experience.



What are the prerequisites?

Academic requirements

General higher education entrance qualification or subject-linked university entrance qualification, University of Applied Sciences entrance qualification or professional qualification

If you are not sure about your university entrance qualification, please check uni-assist and the DAAD database:



Language requirements

You need to prove your **proficiency in English**. This can be done with either of the following:

- _ TOEFL minimum 90
- _ IELTS 6.5 or above

In addition: **Basic language skills in German**, proven by official test score documents - **minimum level A1**.

Timeline

Online application

You register in our online portal Primuss and fill in the application form with your personal details. If you acquired your university entrance certificate abroad, **uni-assist** must assess the certificate before you can send it to Hof University. We advise you to send your documents to uni-assist **at least 4 weeks before our application deadline.**



Application period

April 15 - July 15



Receive your admission letter from Hof University

approx. 3 weeks after submission of application documents



Online enrolment

in September



Online Orientation Week for international students

last two weeks of September



Start of your online studies at Hof University

October 01



On-site exam period at Hof University

first two weeks of March; attendance is mandatory to advance to semester 2

Course structure

1

First semester: online lectures for maximum flexibility					
Environmental Engineering	Mathematics I	Mechanics I	Business Management	Studying and Working in Germany	German A2
First two weeks of March: on-site exams at Hof University; mandatory attendance for advancing to semester 2					
Computer Science	Statistics	Material Science	Electrical Engineering	Lab Work Training	German B1
Mathematics II	Thermo Dynamics and Fluid Mechanics	Mechanics II	International Accounting	Supply Chain Management	German B2.1
Manufacturing Technology	Corporate Finance	Automation and Robotics	Mechanical Engineering	CAD Design	German B2.2
Quality Management	Elective *	Elective *	Elective *	Elective *	Lab or Company Project in German Language
Metrology & Sensors	Elective *	Elective *	Elective *	Elective *	Elective *
Project Work			Bachelor's thesis		

2

3

4

5

6

7



Engineering Science competences



General competences

* You can freely choose your nine favourite modules in English and German language from the module catalogue during your 5th and 6th semester.

What are my career perspectives?

Graduates will have...

- _ **Technical know-how:** Profound knowledge of mechanics, electronics, and automation.
- _ **Practical competence:** Experience with modern engineering tools like 3D CAD and simulation software.
- _ **Interdisciplinary thinking:** The ability to solve problems by integrating different engineering disciplines.
- _ **Project management skills:** Leadership skills for interdisciplinary teams and complex technical projects.
- _ **Sustainability awareness:** Knowledge to develop energy-efficient and environmentally friendly technologies.
- _ **Intercultural communication:** Excellent language and teamwork skills for international environments.

... Entry positions?

You are ready to work as

- _ Mechanical Engineer
- _ Industrial Engineer
- _ Automation Specialist
- _ Process Optimization Engineer
- _ Automation Engineer
- _ Project Manager in Engineering
- _ Research and Development Engineer

Why choose Hof University?



At Hof University, you can expect

- _ a first-class, hands-on education,
- _ a safe, friendly and welcoming study environment, especially for international students,
- _ modern labs with state-of-the art equipment,
- _ extensive personal support from our Welcome Center, International Office and Career Service.



In addition, you benefit from

- _ assistance in finding accommodation,
- _ orientation sessions prior to the start of your studies,
- _ career-promoting activities such as intercultural trainings, field trips and company visits,
- _ 24/7 access to computer labs and the library,
- _ free wifi on campus.



About Hof University

Founded in 1994 as a Bavarian state university, Hof University of Applied Sciences offers a very attractive study environment with its modern architecture and state-of-the art facilities. Practice-orientation, internationalisation and graduate employability are at the heart of teaching and research at Hof University.

German students and international students from more than 60 countries learn together on our open-minded, intercultural campuses in Hof and Münchberg. Exciting student initiatives (e.g. eSports, Fairtrade Group or Formula Student) make student life even more interesting.

All professors and lecturers have a strong academic background as well as practical experience in the industry. As a result, graduates of Hof University are ideally prepared for the domestic and international labor markets.

Located at the top of Bavaria, Hof and Münchberg are safe and cozy towns in the heart of Europe with all the amenities of a university town. Their green surroundings are ideal for all outdoor activities, and major cities like Berlin or Munich are within easy reach.



Who can I contact with further questions?



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Welcome Center

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