



# Environmental Engineering (B. Eng.)

**Bachelor's Program**  
Engineering Department



unfold your career



**Hochschule  
Hof**

University of  
Applied Sciences

# Environmental Engineering – What is it all about?

The B.Eng. in Environmental Engineering is a seven-semester, English-taught program that equips students with the skills and knowledge to address the environmental and technological challenges of a rapidly changing world.

From resource conservation and energy efficiency to digital transformation and circular economy principles – this program combines theory with hands-on experience to shape the future of green technology.

With a strong focus on practical application, students gain experience through lab work, industry projects, and a mandatory internship semester, ensuring they are well-prepared for careers in environmental engineering, sustainability consulting, and research.

Start your journey with a flexible online first semester. Join the next generation of engineers driving innovation for a more sustainable planet!



# What do I gain with this B.Eng.?

## **This Bachelor's program equips you with**

- \_ the ability to analyse and solve environmental engineering challenges using modern tools like CAD and simulation software,
- \_ comprehensive knowledge to develop and evaluate sustainable solutions, such as feasibility studies and design plans,
- \_ expertise in applying circular economy principles and environmental science insights to real-world projects.

## **In addition, you benefit from**

- \_ a strong foundation in digital technologies for effective and efficient project implementation,
- \_ advanced communication and collaboration skills to work in interdisciplinary and international teams,
- \_ German language proficiency (level B2) by graduation, enhancing your career opportunities in Germany and beyond.

**Further information is available on**  
**[www.hof-university.de](http://www.hof-university.de)**



# Fast facts



## **Degree awarded**

Bachelor of Engineering (B. Eng.)

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## **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

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## **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.

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## **Internship**

Mandatory internship in industry (semester 7)

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## **Tuition fees**

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

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## **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

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**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

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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

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**Receive your admission letter from Hof University**

approx. 3 weeks after submission of application documents

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**Online enrolment**

in September

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**Online Orientation Week for international students**

last two weeks of September

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**Start of your online studies at Hof University**

October 01

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**On-site exam period at Hof University**

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

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# Course structure

First semester: online lectures for maximum flexibility

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Environmental Engineering	Mathematics I	Mechanics I	Business Management	Studying and Working in Germany	German A2
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First two weeks of March: on-site exams at Hof University; mandatory attendance for advancing to semester 2

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Computer Science	Statistics	Material Science	Electrical Engineering	Lab Work Training	German B1
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Mathematics II	Thermo Mechanics and Fluid Dynamics	Chemistry	Environmental Economics and Sustainable Economy	Hydrology & Water Extraction	German B2.1
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Metrology & Sensors	Environmental Chemistry	Reaction Technology	Microbiology and Ecotoxicology	Tap Water Treatment	German B2.2
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5



Hydraulics & Modeling	Environmental Analysis	Mechanical Waster Water Treatment	Elective *	Elective *	Lab or Company Project in German Language
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6

Company / R&D Project	Circular Economy & Ressource Management	Biological and Chemical Waste Water Treatment	Elective *	Elective *	Elective *
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7

Project Work / Internship in Industry			Bachelor's thesis		
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-  Environmental Engineering competences
-  General competences

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

# What are my career perspectives?

## As a graduate, you...

- \_ apply your comprehensive, interdisciplinary knowledge in environmental and process technology to develop innovative and sustainable solutions.
- \_ leverage your systemic understanding of complex interrelationships to analyze and optimize environmental and technological processes.
- \_ contribute to achieving sustainability goals across industries, research, and policy-making.
- \_ collaborate effectively in interdisciplinary and international teams, driving impactful environmental projects.

## ... Entry positions?

### **You are ready to work as**

- \_ Environmental Engineer
- \_ Project Manager in Water and Wastewater Treatment Projects
- \_ Sustainability Consultant
- \_ Research Scientist in Environmental Technologies
- \_ Circular Economy Specialist

# 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 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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