

Operational Excellence (M.B.A. and Eng.)

Engineering meets business leadership.

Hof University Graduate School

unfold your career

Hochschule Hof
University of Applied Sciences

Engineering Meets Leadership

You already hold a bachelor's degree in engineering and have gained professional experience? The **M.B.A. and Eng. in Operational Excellence** combines your background with the management skills needed to **bridge business and technology**.

You learn how to analyze and optimize processes using approaches such as **Lean Management, Six Sigma, and agile methods**, while exploring how **digitalization, data management, and smart technologies** are transforming production, supply chains, and other business operations. You also develop a broader understanding of **purchasing, IT, and strategic management**.

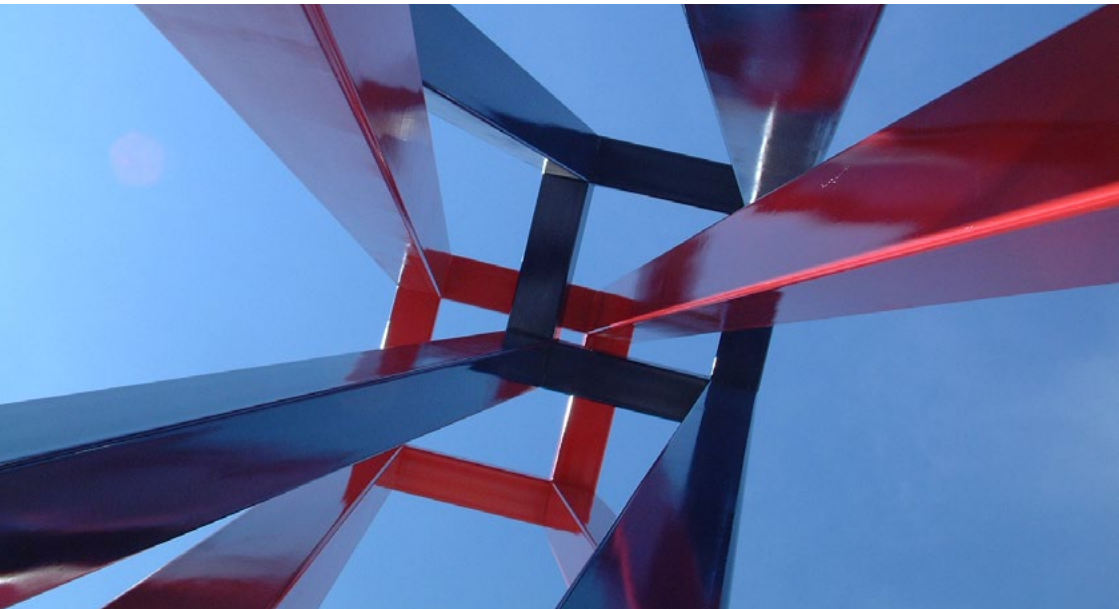
The program takes a holistic view of operational excellence: sustainable improvements require not only efficient processes and technologies, but also **sound business decisions, effective communication, and the ability to lead change**.



Who Is This Program For?

This M.B.A. and Eng. is ideal if you:

- → have a Bachelor's degree in Engineering and at least one year of professional work experience
- → want to combine engineering expertise with business and management skills
- → are interested in optimizing processes, operations, and supply chains
- → want to drive digital transformation and smart manufacturing
- → aim to take on leadership roles in an increasingly digitalized industry



Operational Excellence (M.B.A. and Eng.)

Key Facts



Degree Awarded

Master of Business Administration and Engineering (M.B.A. and Eng.)



Duration

4 semesters (2 theoretical, 2 practical)



Language of Instruction

Fully taught in English



Tuition Fees

EUR 3,300 per semester



Industry Internship

A key feature of the program is its **integrated two-semester industry phase**. You don't just study in Germany – ou gain two semesters of practical work experience, build industry connections and prepare for your career in Germany and beyond even before graduation.



Student Services & Support

- → Organizational support before and during your studies
- → Assistance in finding appropriate accommodation
- → Orientation week before the start of your studies
- → Social integration
- → Career-promoting activities such as intercultural training, field trips, and company visits
- → 24-hour access to computer labs and the library
- → Free public transportation in the city of Hof
- → Free Wi-Fi on campus

„The program stands out for its strong integration of real-world industrial challenges with data-driven methodologies. I was particularly impressed by the close collaboration with professors and the highly supportive academic environment, which encourages both critical thinking and hands-on implementation. While German language skills can enhance everyday life and integration, the program itself is well-structured for international students, making it accessible and inclusive.“

Aagam from India



What Makes This Program Special

With this M.B.A. and Eng., you gain:

- → an interdisciplinary skill set combining **engineering, management, and business expertise**
- → a unique qualification at the **interface of technology and management** with the special degree **M.B.A. and Eng.**
- → the ability to **analyze, optimize, and manage complex business operations**
- → practical experience with **Lean Management, Six Sigma, digitalization, data management, and agile methods**
- → **German language proficiency of at least B1** level, supporting professional opportunities in Germany

In addition, the program offers you:

- → a **practice-oriented learning environment** combining case studies, simulations, and applied teaching formats
- → valuable **industry experience** through an **integrated two-semester industry phase in a company**
- → the development of **intercultural competence** through international collaboration and diverse study groups

You graduate with a profile that combines engineering expertise, management skills, and practical experience in operational excellence.

German Language Development

Developing German language skills is an important part of the program and a major advantage for international students who want to build a career in Germany.

At the beginning of the program, students are expected to have basic German language skills at A1 level. During the first year of study, **structured language courses** help students progressively improve their proficiency.

The program is designed to enable students to **reach B1 level before the start of the internship**, allowing them to communicate more confidently in a professional environment and to integrate more easily into the German workplace.



Career Perspectives

As a graduate, you have **in-depth knowledge of supply chain management, lean production, and digitalized industrial processes**, combined with practical industry experience.

This skill set prepares you for **management and specialist roles** in production, factory planning, quality management, and supply chain management.

You have **excellent career opportunities in Germany and abroad**, especially with German companies operating internationally or foreign companies with a presence in Germany.

You can pursue careers as

_ Lean Manager

_ Product Manager

_ Quality Manager

_ Technical Advisor

_ Operations Controller

_ Process Manager



Course Structure

Semesters 1 and 2: Academic + Applied Learning

Basic modules (mandatory)

- → Applied Economics and Intercultural Management
- → Strategy, Finance and Entrepreneurship
- → German Language 1*
- → German Language 2*

* Mandatory with German levels from A1 to B1 at the point of admission; different language course levels available depending on the student's German level at the beginning of their studies in Hof.

Core modules (mandatory)

- → Advanced Industrial Transformation and AI
- → Smart Factory Planning
- → Lean Business Systems
- → Supply Chain Management
- → Business Information Systems with SAP
- → Quality Management
- → Project and Process Management
- → Elective

Semesters 3 and 4: Internship and Master's Thesis

- → Integrated industry phase in a company
- → Master's thesis with a company
- → Scientific Preparation Training

Entry into the internship phase requires proof of at least German language level B1.

Admission Requirements

Academic Admission Requirements

- A **Bachelor's degree in Engineering Sciences** from an accredited university, at least 180 ECTS or equivalent (depending on home country)
- at least **one year of professional work experience**

Language Requirements

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

- TOEFL iBT: score of at least 90
- IELTS Academic: 6.5 or above
- PTE Academic: minimum score of 60

+ Basic language skills in German, proven by an official test certificate - minimum level A1



Application Timeline

Online Application

You register in our online portal Primuss and fill in the application form with your personal details. You also upload all required documents in the portal and submit your application directly to Hof University.



Application period

WiSe: April 15 - May 31
SuSe: Nov 5 - Nov 30

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Get your admission letter from Hof University

WiSe: In June
SuSe: In December

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Online enrolment

WiSe: In June
SuSe: In December

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Orientation Week

WiSe: Last two weeks of September
SuSe: First two weeks of March

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Start of your studies at Hof University

WiSe: October 01
SuSe: March 15

WiSe: Winter semester **SuSe:** Summer semester

Learning approach at Hof University Graduate School

At Hof University Graduate School, learning is interactive and focused on **applying knowledge in practice**. Students work on industry projects and engage directly with practitioners.

Case studies and real-world business examples help students **develop analytical and problem-solving skills** and prepare for management roles.

Our faculty members (all holding doctoral degrees) combine academic expertise with professional industry experience, ensuring a **strong link between research and the professional world.**

The program also includes **career-focused formats** such as career talks, job fairs, and professional development sessions that support networking and career readiness.



Contact



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