

Operational Excellence (M.B.A. and Eng.)
- Industrial Engineering -



Master's program
Hof University Graduate School



Operational Excellence



You already earned a Bachelor of Engineering and gathered some professional experience? You are interested in modern business and production processes and the secrets of “Made in Germany”? Then our Master program in Operational Excellence is just right for you.

Our business-oriented modules provide you with the strategic and financial framework of companies. Find out about the critical factors for success in leadership and change processes and how to master them with expert communication and negotiation skills. On the engineering side, the focus is on operational excellence, particularly on methods such as lean management, Six Sigma, agile management, digitalization and Industry 4.0.

With our holistic management approach, we also look at business operations such as purchasing or IT. Our teaching methods include various modern methods like cloud-based simulations, haptic management games and case studies.

Fast facts

degree awarded	Master of Business Administration and Engineering (M.B.A. and Eng.)
language of instruction	English
duration	4 semesters (2 theoretical, 2 practical)
work load	120 ECTS in total
application deadlines	April 15 - May 31 (winter intake) November 5 - November 30 (summer intake)
academic dates incl. orientation session	mid-September - March 14 (winter semester) March - September 30 (summer semester)
fees	EUR 3,150 in tuition fees per semester (i.e. EUR 12,600 in total for four semesters) plus approx. EUR 100 in student union fee per semester
living expenses in Hof	approx. EUR 600 to EUR 700 per month incl. rent, food and mandatory health insurance

Admission criteria

- A Bachelor's degree or similar from an accredited university in engineering sciences, at least 180 ECTS or equivalent (depending on the home country)
- Proficiency in English, proven by either
 - official test score documents (TOEFL minimum 90 or IELTS 6.5 or above) or
 - confirmation that the Bachelor's program was taught completely in English language
- Basic language skills in German, proven by official test score documents - minimum level A1
- One year of work experience

Application process

- All applications must be done online:
www.hof-university.com/application
- The application period for winter intake is between April 15 and May 31.
- The application period for summer intake is between November 5 and November 30.
- An admission committee intensively scrutinizes all applications and decides about final admission. Admission letters will be issued in June for winter intake and December for summer semester intake.

Course content

semesters 1 + 2

practice oriented theory

The first two semesters consist of 12 modules (4 basic + 6 core + 2 elective modules):

Basic modules:

- Applied economics and research on the German market
- Communication and negotiation skills
- Leadership and change management
- Strategic and financial framework

Core modules:

- Factory planning and engineering
- Production process excellence
- Quality management
- Supply chain management
- Industry 4.0 / data management
- Production execution and logistics

Elective modules:

- German language A2 and B1 (higher levels also available)
- Information and process management
- Corporate strategy and controlling
- Project management
- Procurement management and risk management
- Industrial marketing and sales strategies
- Recent trends in Operational Excellence

3 + 4

internship

- Master's Thesis with a company
- practical work experience

Internship

A unique feature of our M.B.A. and Eng. is that students spend the second year (third and fourth semester) doing a practical internship in industry (e.g. in a production facility or an SCM department). Also the Master thesis is project-based and done in cooperation with a company. Thus, you can immediately apply your knowledge, gain profound professional experience and earn money at the same time.

German language skills

We place special emphasis on the language education of our students. For entering the internship, all students have to prove at least the German language level B1.

If you have a German language level of A1 at the point of admission, the modules German A2 and B1 are mandatory.

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 our teaching.

German students and international students from more than 30 countries learn together on our open-minded, intercultural campus. All professors and lecturers have a strong academic background as well as practical experience in the industry. In addition, all our professors hold a PhD.

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

Career perspectives

Your benefits

- perfect interdisciplinary toolbox of knowledge and skills of engineering and business know-how
- unique Master's degree at the interface of management and technology with the special degree M.B.A. and Eng.
- German language skills of at least level B1 at graduation
- an innovative and diverse mix of methods - virtual learning, blended learning, simulations and case studies besides regular lectures
- development of intercultural competence
- great career perspectives in various fields, e.g. production management, factory planning or supply chain management

“The decision to study the Operational Excellence master's program at Hof University was simply one of the best decisions I have ever made throughout my professional career. This program emphasizes on management topics for quality, logistics, production. Also, I learnt about German industry 4.0 which makes the difference for companies in Germany. The practical experience of the internship and master thesis helped me understand the true German operational excellence and to get truly integrated.”



Eduardo Suazo Elvir
Graduate from Honduras

Why choose Hof University?

- first-class, hands-on education
- friendly and open-minded study environment, especially for international students
- extensive personal support for international students by the Welcome Center, International Office and Career Service
- assistance in finding accommodation in Hof
- orientation sessions prior to the start of the studies
- additional activities such as intercultural trainings, field trips and company visits
- located at the top of Bavaria and in the heart of Europe



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