

## Requirements

- Interest in technology and digital innovation
- Basic interest in economics and technology
- Analytical skills
- Communication and teamworking skills
- Intercultural competence
- Proficiency in Business English (Level B2)

## Career Perspectives

As 'double talents,' our graduates integrate technical and business expertise in their roles. As allrounders, all industries are open to international business engineers, from established companies to start-ups.

By fostering an interdisciplinary approach and emphasizing effective communication within teams, our graduates excel in the following dynamic roles:

- In technology companies, they serve as Innovation Managers, Research and Development Managers, Agile Coaches, Product Managers, Project Managers, Purchase Managers, Technical Sales professionals, Customer Success Managers, or Marketing Managers.
- Consulting companies benefit from their expertise in business consulting with a focus on digital transformation.
- Start-ups thrive with our graduates who are encouraged by the university to start their own business and have access to various programs for their entrepreneurial journey.
- Within the manufacturing industry, they assume various roles related to the digitalization of manufacturing processes.
- Financial services also find value in our graduates, who contribute to fintech companies in diverse capacities.

## Contact

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The HM Hochschule München University of Applied Sciences is Bavaria's largest institute of higher education in this field. Over 80 attractive and forward-looking degree courses lay the foundation for successful careers. Besides specialist skills, the university promotes sustainable and entrepreneurial mindsets and actions, as well as international and intercultural experiences, such as through stays abroad.

The departments imbue their students with vision, creativity and a sense of shared responsibility as an ideal preparation for making a difference in their chosen professions and within society. Close contacts to companies at the high-tech location of Munich allow students to obtain practical experience during their studies. And last but not least: Munich's attractive cultural and leisure opportunities offer plenty of variety.



Hochschule  
München  
University of  
Applied Sciences

HM School of Engineering  
& Management

## Bachelor International Management and Digital Engineering (IMADE)



Bachelor  
(B.Eng.)

# Overview

## Degree

Bachelor of Engineering (B. Eng.)

## Duration

7 semesters (full-time)

## ECTS

210

## Start

October (Winter Semester)

## Qualifications for admission

- General university entrance qualification
- English level B2 is required
- No German language skills are required at the beginning
- Proof of German level B1 is required by the end of the fifth academic semester

## Type and language of instruction

Full-time studies in English

# Application

## Application period

Application period for the Winter Semester is May 2nd to July 15th

## Application requirements

For international students find further information here: [hm.edu/study-muas](http://hm.edu/study-muas)

For national students find further information here: [hm.edu/bachelor-bewerbung/](http://hm.edu/bachelor-bewerbung/)

# Course of study

The study program International Management and Digital Engineering (IMADE) connects business and technology and has a strong focus on digitalization, internationalization and sustainability.

**In our practice-oriented course of study, our students work very closely with industry from the very beginning, trying to solve real-world problems in real projects, partnering directly with companies whenever possible.**

**The study program consists of seven semesters, with a modular design that includes lectures,**

**seminars, projects and one practical semester where students work within a company in Germany or any other country.**

The curriculum comprises a mix of basic technical modules, a sound education in business economics, and various integrative modules focusing on entrepreneurial thinking, intercultural and interpersonal skills as well as project and time management. In addition to the core curriculum, students can customize their educational focus by selecting from a variety of elective modules, such as 3D printing, change management or digital marketing.

Semester 1	Semester 2	Semester 3	Semester 4	Semester 5	Semester 6	Semester 7
Technical Drawing and CAD ★	Data Structures and Algorithms ★	Software Engineering ★	Data and Process Engineering ★	Distributed Systems ★	Machine Learning ★	Industrial Internet of Things ★
Mathematics - Basic Concepts and Applications	Advanced Applied Mathematics	Physics	Control Technology and Smart Grids ★	Elective Module 1 Elective Module 2 Elective Module 3	Internship	Bachelor Thesis
Material Science and Chemistry	Fundamentals of Electricity	Machine Components and Devices	Production Technologies and Applications ★	AW Module 1 AW Module 2		Thesis Seminar
Introduction to Project and Time Management	Basics of Technical Mechanics	Integrated Product Design ★	Procurement and Sustainability ★	Production Management and Logistics ★		Entrepreneurial Thinking ★
Advanced International Business English Skills	Intercultural and Interpersonal Competences	International Accounting	Human Factors Engineering ★	International Finance	Industry Project and Research Skills	Organizational Behaviour within International Companies
International Business Management	International Markets and Circular Economy ★	International Marketing and Strategy ★	Production Logistics and Quality Management ★			

■ Technology  
■ Management  
■ Integration  
★ Modules with Digitalisation Components