



Deutscher Akademischer Austauschdienst
German Academic Exchange Service



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Master's degree



Global Engineering and Management

Technische Hochschule Ingolstadt • Ingolstadt

Overview

Degree	Master of Science
Teaching language	<ul style="list-style-type: none">English
Languages	All courses, exams, correspondence and communication will be in English.
Full-time / part-time	<ul style="list-style-type: none">part-time (study alongside work)
Mode of study	Fully online
Programme duration	4 semesters
Beginning	Winter semester
Additional information on beginning, duration and mode of study	The programme starts in October (winter semester). It comprises four semesters of study. It is a part-time study programme, designed for studying while working. The programme is delivered fully online, using state-of-the-art video conferencing systems and learning platforms to interact and share materials. Additionally, on-site events at varying, easily reachable locations are offered to kick off the first three semesters (online participation possible). These two- to three-day events are aiming at getting to know the professors, starting the semester modules and networking among students.
Application deadline	Application period: 2 May until 15 July for the upcoming winter semester You will find detailed information on the application process under: https://www.thi.de/en/studies/application/masterapplication-from-abroad/ .
Tuition fees per semester in EUR	2,475 EUR
Additional information on tuition fees	Tuition is payable before the start of the respective semester via PayPal or credit card.
Combined Master's degree / PhD programme	No
Joint degree / double degree programme	No

Description/content

The international Master's degree programme in "Global Engineering and Management" welcomes both German and international students. The programme is designed as an interdisciplinary programme. The modules cover the entire value chain – from procurement through research & development, production to sales & marketing. A particular focus is dedicated to "digitalisation" and innovation.

Digitalisation of products, processes and connectivity via the "Internet of Things" present major future opportunities and challenges for companies. Products continuously record data, process and/or share them with operators or connected devices. "Industry 4.0" comprises intelligently networked factories and innovative logistics solutions, among other things. In the retail sector, mobile payment, shopping apps and augmented reality are becoming commonplace. In addition, products and services in many industries involve significant software development. Additionally, digital transformation does not only affect products and processes, but it also impacts a company's business model.

The programme is based on three pillars:

- It explores "digital business and technologies" in modules such as Software Engineering, Digital Factory & Digital Engineering, Modern Manufacturing Technologies, and Data Science & Artificial Intelligence
- Secondly, it provides key management skills, e.g. in International Management, Management Accounting, Innovation Management & Entrepreneurship, and Cost Engineering & International Supply-Chain-Management.
- Thirdly, the programme has an international focus: Study language is English. The students are from all parts of the world. Students are trained to implement concepts globally and manage international teams and projects.

Finally, students are encouraged to learn German to have enhanced access to the German job market (high demand for qualified graduates exists!) Students will be provided with online language courses during the duration of their study enabling them to reach German A2 level or higher.

Course Details

Course organisation

The programme comprises four semesters of study, assuming that the three basic modules of the first semester are transferred based on practical experience.

The first three semesters consist of three modules respectively. Each of these semesters is kicked-off via an on-site event in varying, easily reachable locations (participation is recommended but not mandatory). The respective professors lay out their course plans, build teams, hand out first assignments, etc. Moreover, students get to know each other personally.

During the fourth semester, students work on their Master's theses supervised by a professor. Thesis topics may range from theoretical subjects to real-world industry challenges.

A Diploma supplement will be issued

Yes

International elements

- Language training provided
- Study trips
- Training in intercultural skills

Integrated internships

None

Course-specific, integrated

Yes

German language courses

Course-specific, integrated English language courses	No
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Online learning

Pace of course	Instructor-led (Specific due dates for lectures/assignments/exams)
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Phase(s) of attendance in Germany (applies to the entire programme)	Yes, voluntary
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Types of online learning elements	<ul style="list-style-type: none">• Chats (with lecturers and other students)• Flipped Classroom• Message Boards• Online sessions• Online study material provided by institution• Video learning (Pre-recorded videos, Vlogs, Video-Podcasts)
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Costs / Funding

Tuition fees per semester in EUR	2,475 EUR
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Additional information on tuition fees	Tuition is payable before the start of the respective semester via PayPal or credit card.
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Semester contribution	All students will have to pay a student services fee of 67 EUR per semester.
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Funding opportunities within the university	No
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Requirements / Registration

Academic admission requirements	Three admission requirements: <ol style="list-style-type: none">1. Bachelor's degree in one of the following fields: engineering, information technology, natural science, business or management2. At least one year of relevant work experience after completion of undergraduate studies3. English proficiency level B2 (details on language requirements below)
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Language requirements	English proficiency level B2 or higher is required and needs to be documented by one of the following: <ul style="list-style-type: none">• language test results• completion of undergraduate studies in the English language
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There is no requirement to formally prove German language skills for your admission. You may start with little or no German language proficiency. However, the transition from your home country to the German university system and every day life will be made easier the more German you know. Furthermore, German skills will greatly increase your chances in finding a student job and or an internship at a German company.

Technical equipment and programmes

Internet connection, desktop or notebook computer (including microphone and camera), Microsoft Teams, standard office software

Application deadline

Application period: 2 May until 15 July for the upcoming winter semester

You will find detailed information on the application process under:
<https://www.thi.de/en/studies/application/masterapplication-from-abroad/>.

Submit application to

Master's applicants with undergraduate studies done outside of Germany need a VPD from uni-assist and must apply with the VPD in the PRIMUSS application portal of THI.

More information and portal access:
<https://www.thi.de/en/studies/application/masterapplication-from-abroad/>

Services

Supervisor-student ratio

Estimated 1/40

Technische Hochschule Ingolstadt



Building G

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Technische Hochschule Ingolstadt is an institution that specialises in business and technology and is characterised by innovative study concepts and modern facilities. We are currently training close to 7,000 students in more than 70 study programmes in engineering, computer science, business, life sciences and sustainability.

Our students will graduate as sought-after specialists and managers. An extremely dynamic and successful region with a distinctly strong

economic structure provides for excellent framework conditions. The relatively small student body guarantees individual guidance, a familial atmosphere, and close cooperation between students and professors. One of the core features of studying at our university is its orientation towards practical application. Internships and projects as well as a continuous cooperation with regional companies are basic components of every study programme. The Ingolstadt campus was completed in 1999, and a new tract of buildings opened in 2014. In 2021, the Neuburg campus opened its doors with its Faculty of Sustainable Infrastructure.

Modern equipment and facilities create an atmosphere that adds to students' success and enjoyment. Technische Hochschule Ingolstadt is proud of its commitment to offer the highest possible level of quality in research and education. It is possible to explore Technische Hochschule Ingolstadt by visiting [the interactive 360° THI campus tour](#).



University location

The campus is only a short walk from Ingolstadt's appealing old city. The view from the lecture halls is of a castle and other medieval buildings. Ingolstadt lies in the centre of Bavaria, one of the most prosperous German federal states, and it is only an hour by car from the metropolitan areas of Munich and Nuremberg. The opportunities to take part in leisure activities in the area – which is close to the Alps as well as to the beautiful Altmühl valley – are unlimited. With the headquarters of Audi (the international automotive company) and a large number of innovative corporations in the city, Ingolstadt is proud to be one of the strongest economic regions in Germany. Opportunities to participate in sports activities are provided by the university as well as by various amateur and competitive sports clubs. Bavarian charm and the Bavarian way of life – including summer evenings in beer gardens and the diverse cultural events on offer – make daily life in Ingolstadt particularly attractive for students.

Contact

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Executive Education

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🌐 Course website: <https://www.thi.de/en/executive-education/study-courses/global-engineering-and-management-msc/>

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International Programmes in Germany - Database

www.daad.de/international-programmes
www.daad.de/sommerkurse

Editor

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German Academic Exchange Service
Section K23 – Information on Studying in Germany
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Consortium for International Higher Education Marketing
www.gate-germany.de

Disclaimer

The data used for this database was collected and analysed in good faith and with due diligence. The DAAD and the Content5 AG accept no liability for the correctness of the data contained in the "International Programmes in Germany" and "Language and Short Courses in Germany".

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