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MASTER (M.ENG.)

ENGINEERING MANAGEMENT

It is becoming increasingly important in our digital world to combine technical expertise with relevant skills in leadership and communication—especially for engineers. Our Master of Engineering Management combines in-depth technical know-how with a variety of innovative topics from management theory and practice. From project management to leadership to managerial economics, this practice-oriented programme will give you the knowledge, confidence and authority to assert yourself as a leader at the interface between engineering and management.



Degree

Master of Engineering (M.Eng.)



Duration

Online: 12, 18, or 24 months
On Campus: 12 months



Study start

Online: Official start date, 15th October 2021.
After: anytime
On Campus: Each October or April



Credits

60 ECTS



Study model and accreditation

- Online studies or On Campus
- German accredited institution, recognised by ZFU (German Central Office for Distance Learning)

Study Content (60 ECTS)

1. PRESENCE TIMEFRAME	2. PRESENCE TIMEFRAME	MODULE TITLE	SEMESTER	CREDITS (ECTS)	TEST TYPE
Oct/Nov/Dec	Apr/May/Jun	Leadership	1	5 ECTS	E
Oct/Nov/Dec	Apr/May/Jun	Strategic Management		5 ECTS	E
Oct/Nov/Dec	Apr/May/Jun	Internet of Things		5 ECTS	E
Jan/Feb/Mar	Jun/Jul/Aug	Product Development		5 ECTS	E
Jan/Feb/Mar	Jun/Jul/Aug	Performance Management		5 ECTS	E
Jan/Feb/Mar	Jun/Jul/Aug	International Marketing		5 ECTS	E
Apr/May/Jun	Oct/Nov/Dec	Quality Management and Sustainability	2	5 ECTS	E
Apr/May/Jun	Oct/Nov/Dec	Manufacturing Methods Industry 4.0		5 ECTS	E
Apr/May/Jun	Oct/Nov/Dec	Seminar: Current Issues in Engineering Management		5 ECTS	WARE
Online		Master Thesis		15 ECTS	WAMT & PC

CAREER OUTLOOK

PROJECT ENGINEER

Own and lead cutting-edge technological projects, and build the products and infrastructure of tomorrow. As a project engineer, you'll get plenty of chances to demonstrate your unique combination of engineering and management traits, work independently or in teams, and stand at the forefront of international industry.

ENGINEERING PROJECT MANAGER

Use your strong technological skills to support and lead teams through various challenges and projects. Thanks to the holistic approach you'll develop during your studies, your abilities as an engineering project manager will be a blessing to any team.

PRODUCT DEVELOPMENT MANAGER

Plan and design new and exciting products. As a product development manager, you'll be responsible for introducing new products and technologies that are compatible with Industry 4.0 principles, and help direct production lines and businesses towards the future of engineering.

ADMISSION

We try to keep admission as simple as possible at IU. To successfully enroll, there are just a few requirements we need you to prove.

ADMISSION REQUIREMENTS

- Completed, undergraduate degree with 240 ECTS in **Engineering or an Engineering related subject**
- Your degree must be from a state or state-recognised higher education institution/university
- You must have achieved a final grade of at least "satisfactory" or Grade C equivalent in your previous undergraduate degree

FURTHER ADMISSION OPPORTUNITIES

Depending on your previous education, the following entry options are applicable for the 60-ECTS Master's degree:

- undergraduate degree with 210 ECTS: you can bridge the gap of 30 ECTS with the proof of one year qualified work experience
- undergraduate degree with 180 ECTS: you can bridge the gap of 60 ECTS with the proof of two years qualified work experience

Recognition of knowledge and abilities acquired outside of higher education is possible in principle.



SCHOLARSHIP PROGRAMME

Start your online degree with our Scholarship Programme and receive a scholarship up to 67%!

- Start in our Scholarship Programme as a participant with immediate access to 50% of your courses. You can do this by taking our Entrance Examination which will be included in your course as part of the Scholarship Programme. Once you have handed in all admission documents and the courses are completed, you can go on to finish your degree.

Questions? Speak to your study advisor, they will guide you through every step of the process.

PROOF OF ENGLISH LANGUAGE SKILLS

We therefore ask for proof of your English language skills*. If English is your native language or you graduated from an English-speaking school/university, you don't need to prove your English skills.

Accepted certifications:

- English Courses (complimentary when signing up with IU)**
- TOEFL (min. 80 points) or
- IELTS (min. Level 6.0 out of 9 points) or
- Duolingo English test (min. 95 points) or
- Cambridge Certificate (min. B grade overall) or
- Equivalent proof

8 STEPS TO COMPLETE YOUR STUDIES

1

Register and apply online

2

Choose your course

3

Download your study scripts

4

Work independently with study scripts

5

Take part in Q&A sessions

6

Prepare for exams and take them either:

- directly online, or
- at an IU examination centre (remember to register in time).

7

Master thesis and colloquium

8

Complete your studies with certificate

*Proof must be provided before the start of the study and must not be older than five years.

**Please note that English Courses aren't accepted as a language certificate for on campus study programmes.