

Full-time
on Campus
in Germany

Study Programme:

Master of Science Engineering & Management

Why study Master of Science in Engineering & Management?

The world is moving towards Industry 4.0. Digital transformation is shaping the future of the industrial world. Industrial engineering, at the heart of manufacturing and industry, must sustainably meet the increasing demands for more flexible, customised and efficient production and processes. A new generation of industrial engineering with a continued focus on managing and optimising production, processes and value chains, remains critical for all industries worldwide.

The rapid development of the industrial world requires specialised professionals with comprehensive knowledge and expertise in industrial engineering with a deep understanding of industrial processes and all related management methods.

The FOM University's Master of Engineering & Management is designed to meet the fundamental needs of the ever-changing industrial dynamics under digitalisation. The contents of the programme are specifically designed to meet the

management requirements of the industrial sector. Students in this programme will acquire focused management skills for classic industries, processes and operations in line with leading international standards. Graduates of this programme will be able to handle a wide range of applications in the context of modern industry and will be qualified for challenging management positions in engineering in national and international companies in all industries.



Studying in Essen, Germany

Germany, the world's 4th largest economy, birthplace of Industry 4.0. Essen, centre of the Ruhr Region, heart of the eminent German industry with distinguished engineering tradition, pioneering industrial visions and a modern, vibrant economy. With the many powerful residing multinationals, strong SMEs and thriving start-ups, Essen is among the most popular destinations for practice-oriented study leading to ample career opportunities.

As one of the European Green Capitals, the city offers countless recreation possibilities accompanied by plenty of cultural highlights: the renowned Folkwang Museum, the Krupp Residence Villa Hügel, UNESCO World Heritage Zollverein Coal Mine Complex, Red Dot Museum, theatres and concert halls. Open, vibrant, and versatile – Essen is waiting for you.



FOM University

FOM University was founded in 1991 at the initiative of the non-profit “Stiftung für internationale Bildung und Wissenschaft” (Foundation for International Education and Science). With more than 50,000 students on 34 campuses in Germany, FOM is one of the largest universities in Europe. Focus of the university is to provide students with practice-oriented higher education to promote knowledge transfer between the university and business.

FOM works extensively with German companies of different scales and major international corporations. Its integral connections with over 10,000 cooperation partners across all sectors of the economy offer exclusive study opportunities to combine academic studies and professional improvement through unique learning experience. Parallel to the traditional on-campus study format, FOM expands its digital landscape through the innovative “Digital Live Study”, offering worldwide accessible interactive lectures broadcast live from the state-of-the-art, multifunctional high-tech studios to provide students with maximum flexibility. FOM is where the transfer between theory and practice takes place – in both traditional and digital ways.

KEY FACTS

Language

English

Time model

Full-time (daytime)

Duration

4 semesters including thesis

Place of study

Essen, Germany

Credit Points

120 ECTS

Fees

Registration fee: 1.580 €, Tuition fee: 20.570 €, Examination fee: 350 €, **Total cost: 22.500 €**

Degree

Master of Science (M.Sc.)

Admission requirements

- University degree¹ (Diplom, Magister, Bachelor, Staatsexamen) with 180 ECTS: with at least 40 ECTS credits in engineering or a university degree¹ in any subject and 1.5 years of relevant professional experience before, during or after the first degree related to the field of study of the Master's degree (in which case the bridge course in business administration and the bridge course in technology must be successfully completed), or successful completion of the subject-specific oral entrance examination of the FOM.
- English language proficiency B2

CONTACT

For questions and further information, please contact the International Office:

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