Come closer to success

in an exciting study program at the Faculty of Technology.

Contact

Coordination Office
Business Intelligence and Data Analytics

Faculty of Technology
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Interested in the program?
More information is available at
» www.hs-emden-leer.de/en/sl/mbida

or come and see us in Emden.
Visit the university and the laboratories,
and find out more in a personal meeting.

↳ Technology

Business Intelligence and Data Analytics

Master of Engineering (M.Eng.)

come closer » www.hs-emden-leer.de/en

Your degree program

This master's program consists of 90 credit points and is arranged in full-time, in 3 semesters, as well as in parttime, in 5 semesters.

The degree of Master of Engineering (M.Eng.) is internationally recognized, and the language of instruction is English. The goal of the master's program is to acquire professional and interdisciplinary qualifications.
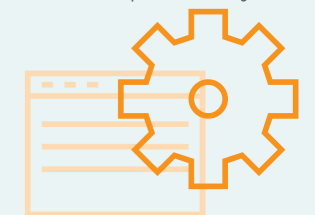
Taking into account the requirements and changes in the professional world, the program is designed to provide students with the necessary specialized scientific knowledge and methods in such a way that it enables them to reflect scientifically, apply scientific knowledge and methods and act responsibly in the relevant professional fields.

Students learn statistical and computational methods for collecting, managing, and analyzing large and complex data sets, as well as extracting knowledge and information from these data sets. Graduates of the master's program have excellent career opportunities in industry and business as well as in vscience and research.

After you receive your master 's degree, you can apply for an 18-month residence permit at your local foreign registration office to look for a job that corresponds to your qualifications.

Participation in a German language course is optional, but we highly recommend to gain an adequate language level to increase future career perspectives.

Individual, intensive mentoring supports your studies: From the beginning of your master's program until entering industry and professional life, you will have a professor as your mentor.

Course of study

1st - 2nd semester	Business Analytics, Controlling, Communication & Culture, Introduction to Data Sciences, Computer Sciences, Machine Learning, Data Management, Project B, Project T
3rd semester	Introduction to Scientific Working, Master Thesis & Colloquium

Support

The Coordination Office for Business Intelligence and Data Analytics supports you in every step of your studies: we offer help and guidance during your application and after your arrival in Emden; we provide relevant study information; and we organize excursions in related industries. In addition, we arrange workshops that will enhance your future career perspective and offer support for personal and general enquiries. From your first to your last semester, the Coordination Office is the direct contact point for any issues you encounter.

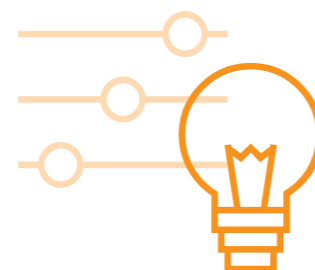## The University of Applied Sciences Emden/Leer

The university, which was founded in 1973, is divided into four faculties. With its innovative and wide-ranging study programs, it contributes decisively to regional social development. The sustainability of research and its accompanying progress reflect the modern foundations of society and of a young generation.

Benefits

Career opportunities for starting an exciting job journey are amongst others the following:

↪ **Data Scientist**

↪ **Business Intelligence Developer**

↪ **Machine Learning Scientist**

↪ **Statistician**

↪ **Applications Architect**
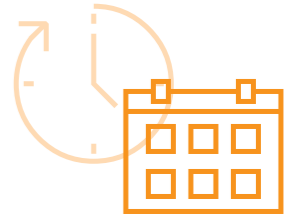
Admission

Pre conditions for admission are:

↪ A Bachelor´s degree in a technical field such as electrical engineering, mechanical engineering, chemical engineering, natural sciences or information science

↪ Professional experience in a relevant field of at least one year full-time or correspondingly two years part-time

↪ Proof of a good command of English, except native speakers and those with a degree in English

Tuition Fee

The tuition fee per semester is EUR 5,980 and includes the semester ticket, with which you can travel on the Deutsche Bahn rail network in Lower Saxony and some surrounding regions. If you opt for six months of academic leave, a reduced service fee will apply.

For the part-time study program, a basic fee of EUR 500 per semester plus EUR 1480 per module is charged.

Application

Application deadlines for non-EU citizens:

↪ **Winter semester starting in September**
01. February – 30. April

↪ **Summer semester starting in March**
01. June – 30. September

Application deadlines for EU citizens:

↪ **Winter semester starting in September**
01. May – 15. July

↪ **Summer semester starting in March**
01. December – 15. January

Note: Visit our homepage for further information on application procedures and relevant documents.
» www.hs-emden-leer.de/en/sl/mbida
» www.businessintelligenceanddataanalytics.de