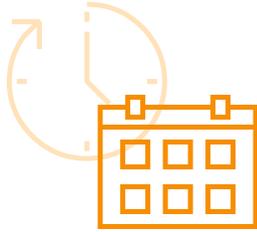


Start of studies



Admission takes place in the summer and winter semester.



Information for first-semester students at
» www.hs-empden-leer.de/en/sl/firstsemester

Admission

Admission requires a first degree qualifying the student for a profession (bachelor's degree or diploma) in chemical engineering, environmental engineering, biotechnology, sustainable process technology, renewable energies and energy efficiency or a related degree program. Further details are provided in the admission regulations.



Current enrollment details can be found at
» www.hs-empden-leer.de/en/sl/enrollment

Course of studies

1st - 2nd semester	Compulsory modules and elective modules
3rd semester	Master's thesis

Contact



We will be happy to help you!

For general questions:

Student advisory service
Phone +49 4921 807-7575
» zsb@hs-empden-leer.de

For questions about the degree program:

Faculty of Technology
Department of Natural Sciences
Phone +49 4921 807-1591, 92, 95
» sekretariat.n.technik@hs-empden-leer.de



Interested in the degree program?

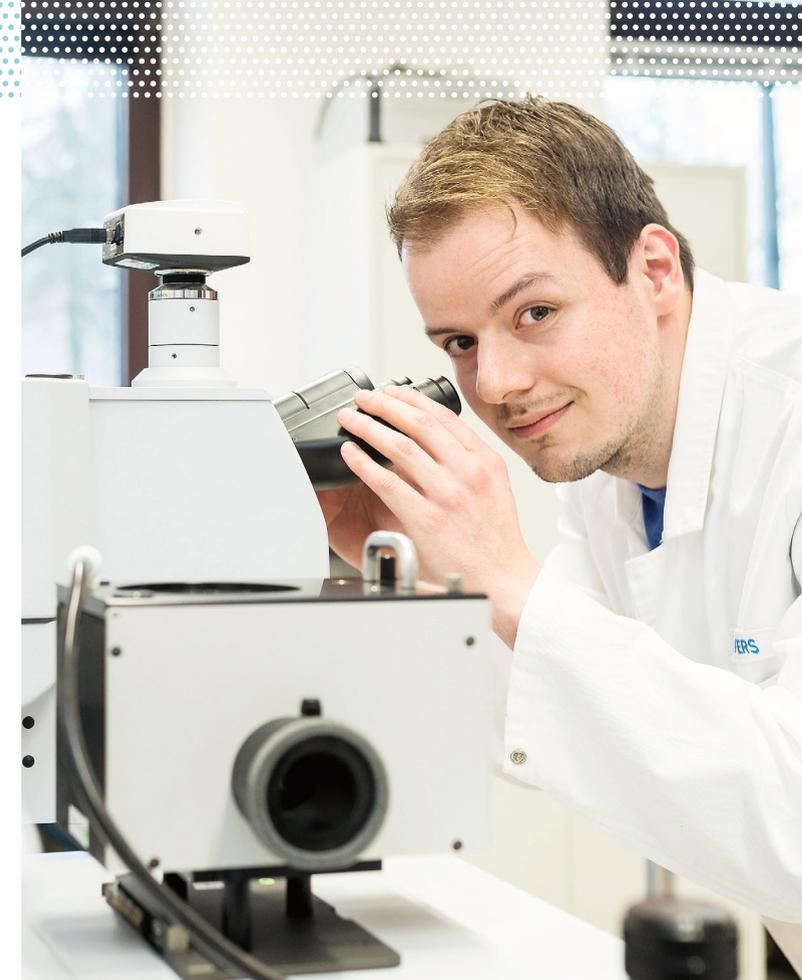
More information is available at
» www.hs-empden-leer.de/en/sl/mtce

Or come and see us in Emden.
Visit the university and its laboratories,
and find out more in a personal conversation.



COME CLOSER TO SUCCESS

Status: 01.2024



↳ Technology

Technology of Circular Economy

Master of Engineering (M.Eng.)

Come closer » www.hs-empden-leer.de/en



Your study program

The standard duration of this master's degree course is 3 semesters (for graduates of 7-semester bachelor degree courses) with the master's thesis in the third semester. Complementary modules courses ("complementary studies") are offered for graduates of 6 semester bachelor programs so that these students can also obtain their master's degree.

The course includes two compulsory modules on the circular economy. Further modules are assigned to the compulsory elective area e.g. Biodegradability and Environmental Impact, Biopolymers, Recycling and Reuse of water, solid waste and soil and other recyclable materials, Energies and materials in biotechnology. In the 3rd semester, you complete your studies with the master's thesis. This internationally oriented program is taught entirely in English.

Your future career

This degree program offers you excellent and varied career prospects in many professional fields of activity open up to you, including

- » Development and production of recyclable products,
- » Evaluation, optimization and monitoring of sustainable processes,
- » Quality assurance and management,
- » Waste prevention as well as analysis, evaluation and recycling of products,
- » Soil protection, water protection and other areas of environmental protection,
- » Evaluation and optimization of environmental protection processes,
- » Waste prevention and recycling management.



Master of Technology of Circular Economy

With this degree program, we train you to become a qualified specialist in the field of circular economy technologies.

Master of Engineering degrees in these fields are in high demand on the job market; they are internationally recognized, open up access to higher civil service and entitle you to a doctorate.

Based on the goals of Emden/Leer University of Applied Sciences as a "university of the future", you will acquire specialist knowledge of circular economy technologies on this course. You will learn to think and act in a resource-conserving way and to work in an interdisciplinary manner.

After completing your Master's degree, you will be able to

- » develop sustainable processes for the manufacture of recyclable products,
- » apply and optimize these processes,
- » work interdisciplinary in the value chain,
- » analyze, evaluate and optimize processes of environmental protection and
- » waste avoidance under the aspects of the circular economy.

Potential future employers are companies from the entire field of process and environmental technology and recycling management, engineering and design offices, research institutions and the public sector.



Your place of study: Emden

Cozy, manageable, quaint, and yet not boring: this is Emden's attitude to life. Here, everything can be reached by bicycle without the hustle and bustle of the city. Sailing, surfing, and exploring East Frisia by canoe are great ways to relieve the stress of studying. A lively pub scene, numerous street cafés around the market, and highlights such as the city and film festivals or blues night are guaranteed to keep you entertained. The Emden Kunsthalle, Otto Waalkes, and the rich East Frisian cultural landscape with its increasing number of festivals and events are rightly known far beyond the region. East Frisia remains a very popular holiday region for its islands as well as its guaranteed view of the horizon. Even after studying all over the world, our students quickly feel at home in Emden.

Degree

Upon successful completion of the program, you will receive the internationally recognized academic title Master of Engineering (M.Eng.). This offers you varied career prospects. In addition the degree opens the way to a doctorate.