SHORT OVERVIEW

QUALIFICATION



### Department of **Chemical Engineering**

Stegerwaldstraße 39 48565 Steinfurt Phone: +49 2551 962-193 E-Mail: pa-ciw@fh-muenster.de www.fh-muenster.de/ciw

Examination office Phone: +49 2551 962-192 or +49 2551 962-191 or +49 2551 962-584

Deanery Phone: +49 2551 962-193

# Orientation and Choice of Study Programme

### FH Münster

Student Counselling and Information Centre in Steinfurt Stegerwaldstraße 39, Raum A 030 48565 Steinfurt Phone: +49 (0)2551 9-62056

Student Counselling and Information Centre (Visitor adress) Hüfferstraße 27. Raum B 012 48149 Münster Phone: +49 (0)251 83-64150 studienberatung@fh-muenster.de www.fh-muenster.de/zsb

# Application and Enrolment

FH Münster Service Office for Students in Münster Hüfferstraße 27, Raum B 028 48149 Münster Tel. +49 (0)251 83-64700 serviceoffice@fh-muenster.de www.fh-muenster.de/serviceoffice

## At a glance

Standard study duration	4 semesters
Entrance qualification	minimum 2.5 (German scale)
↗ Degree	Master of Science (M.Sc.)
Study location	Steinfurt
↗ Costs	Semester fee
Course start	Winter term
Requirements	see "Admission requirements"
Application	see website "Central Advisory
	Service Application for
	Admission"

For further information about the Master degree course please refer to our website: fh.ms/ciw m-ce

## Admission Requirements

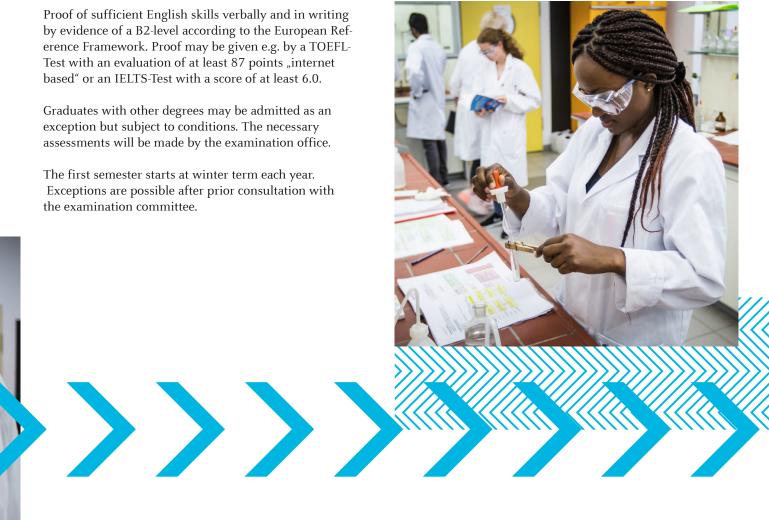
A first qualifying degree of at least 180 credit points or 6 semesters in Chemical Engineering or a related area with a final grade of at least "good" (2.5).

Proof of sufficient English skills verbally and in writing by evidence of a B2-level according to the European Reference Framework. Proof may be given e.g. by a TOEFL-Test with an evaluation of at least 87 points "internet based" or an IELTS-Test with a score of at least 6.0.

Graduates with other degrees may be admitted as an exception but subject to conditions. The necessary assessments will be made by the examination office.

The first semester starts at winter term each year. Exceptions are possible after prior consultation with the examination committee.

# **Chemical Engineering** Master of Science (M.Sc.)





The Master degree course Chemical Engineering qualifies for professional scientific work. Building on a qualified B.Sc. degree, the course supports scientific broadening of knowledge in the area of Applied Chemistry or Chemical Processing. Successful completion of the Master course enables admission to doctoral programmes.

#### CHEMICAL ENGINEERING - MASTER OF SCIENCE

## Course objective

The four-semester Master Degree Course "Chemical Engineering" will teach theoretical, research-based and applied contents.

Teaching and research are organized in a way that an intensive and research-based broadening of knowledge is possible in order to prepare students for leading positions in their future career.

After successful graduation you are able to develop procedures and subjects in this professional field independently and scientifically.

### **Professional fields**

The Master degree enables you to start a career in technical and scientific fields. You will fill positions in which you benefit from your profound knowledge e.g.

- a scientific-based profession in industry or research institutes;
- leading positions in industry, administration and research institutes;
- research work with the aim of a doctorate.

### Contents and course of study

You broaden your experience either in Applied Chemistry (AC) or Chemical Processing (CP). In addition to the three compulsory modules of the respective specialization, you will have elective modules which comprise lectures, tutorials and related practical trainings. In addition to these three compulsory modules, you complete elective modules that you choose from the compulsory catalog I and/or II.

You choose modules with a total of at least 42 credit points from compulsory catalog I. From the compulsory catalog II, which is a joint offer of the Technology Campus Steinfurt, you can choose modules with a maximum of 12 credit points.

You will also carry out three project assignments, whereby the first project assignment serves as an introduction to working in a chemical laboratory, while the second project assignment is a literature assignment and the topic of the third project assignment can be freely chosen. If you can already demonstrate relevant experience in the chemical laboratory, the topic of the first project work can also be freely chosen. For the overall grade of the project module (project work 1, 2 and 3 with a total of 12 credit points), the average of the second and third project work is calculated.

During your five-month Master's thesis in the fourth semester, you will demonstrate that you can independently differentiate, generate and develop a topic from the subject area in its technical details and interdisciplinary connections using scientific methods.

**CHEMICAL ENGINEERING** 

SCIENCE