

Civil Engineering *Master's Degree*

Why choose us?

- Intensive research activities ensure that course contents are up to date and practice-oriented
- State-of-the-art lab equipment enables our students to understand techniques quickly and comprehensively
- Contacts among numerous researchers and practitioners at home and abroad offer a wide range of options for further qualification
- Collaboration between students and professors is based on mutual respect

The facts at a glance

- | | |
|--------------------------------|--|
| ➤ Qualification/degree | Master of Science (M.Sc.) |
| ➤ Number of terms prescribed | Four |
| ➤ Beginning of course | Every winter semester |
| ➤ Mode of study | Full-time |
| ➤ Place of study | Münster |
| ➤ Restricted entry (NC) | Yes |
| ➤ Other admission requirements | An undergraduate degree in Civil Engineering or a related subject with an overall grade of 'good' or better. |
| ➤ Characteristics | The organisational structure of the degree programme enables students to have a job at the same time. |

Department of Civil Engineering

Corrensstraße 25
D-48149 Münster
www.fh-muenster.de/bau

Dean's Office
Tel +49 251 83-65153

Examination Office
Tel +49 251 83-65151

baufb@fh-muenster.de

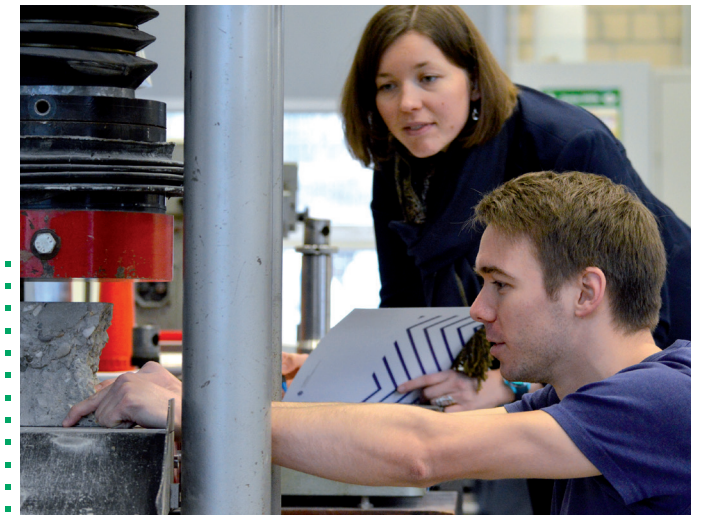
Orientation and Choice of Study Programme

Visitor address:
Student Counselling and Information Centre (ZSB)
Johann-Krane-Weg 25, Room 308
48149 Münster
Tel +49 251 83-64150
studienberatung@fh-muenster.de
www.fh-muenster.de/zsb

Application and Enrolment

Visitor address:
Service Office for Students (SOS)
Johann-Krane-Weg 25, Rooms 201 – 208
48149 Münster
Tel +49 251 83-64700
serviceoffice@fh-muenster.de
www.fh-muenster.de/serviceoffice

Mail Address for all Central Service Facilities:
Hüfferstraße 27
48149 Münster



Programme objective

Civil Engineering is a highly diverse subject, featuring numerous fields and areas of specialisation.

That is why a whole host of skills in various fields are required in order to undertake civil engineering successfully. The skills gained while being on the programme reflect this diversity, ranging from planning tasks and management know-how to expertise in design and construction. We ensure that students acquire these skills by offering them a degree programme tailored to their individual strengths and interests.

Content and course sequence

The matrix structure of our Master's programme in Civil Engineering gives students the freedom to develop their own individual profiles: first, a choice is made between one of two study lines: "**Structural and Civil Engineering**" or "**Environment and Infrastructure**". The chosen line is then pursued in depth throughout the programme.

Secondly, task-oriented modules in **Planning, Construction** and **Operation** run parallel to these line strands. Special requirements such as construction in existing buildings, resource conservation and reconversion are also being dealt with. Thus the students can make individual study plans that suit their interests.

If you select Structural and Civil Engineering focusing on Planning, for example, you will be able to select courses on topics such as project management, statics, construction design or reinforced concrete construction.

Semester	Course content	
1	➤ Deepening of scientific foundations	
2 – 3	Structural and Civil Engineering	Environment and Infrastructure
	➤ Planning ➤ Construction ➤ Operation	➤ Planning ➤ Construction ➤ Operation
	2 project works (e.g. resulting from engineering practice or research projects)	
4	Master's thesis + optional module	

If you opt for **Environment and Infrastructure** focusing on **Operation**, you will deal with topics such as renewable energies in buildings, geographic information systems, and waste management. These are just two examples of how you can shape your own degree programme. Many modules can also be linked across disciplines.

Application-oriented projects in the second and third semester give you the opportunity to undertake whole assignments in engineering practice or research projects. Case studies, interdisciplinary work-groups and the preparation of final reports and presentations simulate the challenges encountered in a real-life working environment.

The organisational structure of the Master's programme in Civil Engineering will enable you to work at the same time. It is up to you to pick courses on up to four consecutive days of the week. In addition, we offer block seminars for specific fields of study.

All lectures in the Master's programme are held in German.

Occupational fields

We will prepare you to take on managerial responsibilities in the entire field of civil engineering. These include activities in the building and construction industry, in engineering companies, in administrative bodies or in associations. A wide range of occupational fields are open to civil engineers.

For more information about our Master's programme in Civil Engineering, visit: www.fh-muenster.de/bau

