

M.Sc. Management and Engineering in Structural Engineering and Risk Management of Industrial Facilities (MME-CONSTRUCT)

Pursue a career in multidisciplinary fields of industrial facility designs and gain the skillset to become a leader in the structural design and risk management sectors.

As an MME-CONSTRUCT Graduate you will

- ▶ bring management skills to industry, public sector and non-governmental organizations
- ▶ be able to carry out site- or structure-specific risk analysis using modern tools to estimate the threat of different types of hazards
- ▶ gain the skill-set and competences to work at the interface of technology and business administration



APPLY BY
15 January / 15 April
to secure our
Early Bird Discount!

1 Study Program, 2 Fields of Study: Management and Civil Engineering

- ▶ Structural Analysis and Computational Methods I
- ▶ Steel Structures in Industrial Applications
- ▶ Structural Dynamics
- ▶ Individualized Construction
- ▶ Strategic Management
- ▶ German Language Course
- ▶ International Factory Planning
- ▶ International Project Management
- ▶ Design of Concrete Structures for Industrial Facilities
- ▶ Design and Detailing of Nonstructural Industrial Components and Equipment
- ▶ Risk Management and Decision under Uncertainties
- ▶ Probabilistic Risk Analysis in Industrial Facilities
- ▶ Project Management in the Context of Disasters
- ▶ Earthquake Engineering and Seismic Risk Assessment
- ▶ Engineering Ethics and Responsible Decision Making
- ▶ Master Thesis

Electives (example)

- ▶ Introduction to Research

Electives (example)

- ▶ Structural Control and Health Monitoring

