WINTERSEMESTER 2017/2018

MASTER STRUCTURE M.SC. WASTE (CURRICULUM)

120 ECTS

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<tr>
<th>Semester</th>
<th>Course Requirements</th>
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<tr>
<td>First Semester</td>
<td>Compulsory Module 6 ECTS, Core Module 6 ECTS, Practical Work 3 ECTS, Industrial Internship 6 ECTS</td>
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<tr>
<td>Second Semester</td>
<td>First Specialised Area 18 Credits, German Course or Key Qualification 6 Credits, Second Specialised Area 18 Credits, Master Thesis 30 Credits</td>
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<td>Third Semester</td>
<td>Elective Module 6 ECTS, Elective Module 3 ECTS</td>
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<tr>
<td>Fourth Semester</td>
<td>Elective Module 6 ECTS, or Student Research Project 12 ECTS, or Industrial Internship 6 ECTS, or German Course or Key Qualification 3 ECTS</td>
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Welcome to the M.Sc. WASTE

The Master of Science Program WASTE, caters to international students with a background in Chemical, Civil, Environmental, Mechanical or Process Engineering who aim to work for international operating companies, universities or research institutes both in Germany as well as in their home countries around the world. Moreover, the M.Sc. WASTE provides German students with an international study environment and encourages them to develop their master thesis abroad.

Curriculum

The Master Program WASTE is designed to be completed within four semesters as can be seen from the macrostructure. The program starts every winter semester (October). However, some students may be required to start in September to participate in an intensive German course, depending on their previous German language proficiency.

It is advisable to organise the study plan of the program according to the proposed macrostructure. After completing the compulsory modules from the first semester (fundamentals of environmental process engineering), the students must choose two out of three specialisation areas that have to be completed during the second and third semester:

- Air Quality Control
- Solid Waste Process Engineering
- Waste Water Process Engineering

The fourth semester is dedicated to the development of the master thesis project, which can be carried out at universities, research institutes or companies.

Admission Requirements

Bachelor’s degree (or an equivalent degree)
in Chemical, Civil, Environmental, Mechanical, Process Engineering or in a related field.

English language requirements
TOEFL (CB –213), TOEFL (PB-550), TOEFL (IBT -79), IELTS (academic –6.0).

German language requirements
For admission, Basic User (A1) under the Common European Framework.

Application

The application period starts in November. The deadline for applicants is February 15th each year. Please visit the M.Sc. WASTE website for further detailed information.