## Master Thesis

Master Thesis

| Module number | Credits | Workload | Semester[s] | Duration | Group size |
|---|---|---|---|---|---|
| SE-MT | 30 CP | 900 h | Sem. | 1 Semester[s] | no limitation |

| Courses | Contact hours | Self-study | Frequency |
|---|---|---|---|
| a) Master Thesis | | a) 900 h | a) keine Angabe |

**Module coordinator and lecturer(s)**

All professors of the study program

a) Professors, Lecturers and Assistants

**Admission requirements**

In order to be admitted to the master's thesis, modules amounting to 70 credit points must be successfully completed.

**Learning outcome, core skills**

With the completion of the master thesis

- the students acquire the ability to plan, organize, develop, operate and present complex problems in Subsurface Engineering.
- qualifies students to work independently in the field of Subsurface Engineering under the supervision of an advisor.
- the associated presentation serves to promote the students' ability to deal with subject-specific problems and to present them in an appropriate and comprehensible manner.

Further, it serves to prove whether the students have acquired the profound specialised knowledge, which is required to take the step from their studies to professional life, whether they have developed the ability to deal with problems from their in-depth subject by applying scientific methods, and to apply their scientific knowledge.

**Contents**

a)

The master thesis can either be a theoretical or a practical work. The topic is determined by the respective supervisor. The results should both be visualized and illustrated in writing in a detailed manner. This particularly includes a summary, an outline and a list of the references used within a specific thesis.

**Educational form / Language**

a) Final thesis / English / German

**Examination methods**

• Final thesis 'Master Thesis' (900 h., Part of modul grade 100 %, Review of the Master Thesis Report and Oral Presentation (30 min))

**Requirements for the award of credit points**

- Successful evaluation (grade greater than 50%) of Master Thesis and Oral Presentation

**Module applicability**

- M.Sc. Subsurface Engineering

**Weight of the mark for the final score**

Percentage of total grade [%] = 30 * 100 * FAK / DIV

| |
|---|
| FAK: The weighting factors can be taken from the table of contents.<br>DIV: The values can be taken from the table of contents. |
| **Further Information**<br>Independent work in seminar rooms and computer labs; testing plants, where applicable.<br>The topic of a Master Thesis is formulated by a lecturer of the course. The student conducts research independently and presents the results in the form of a final written report and an oral presentation (upon agreement with the respective lecturer). |