

Guidelines for the Study Project

Master of Science in Environmental Engineering

Goal and nature of the study project

Students of the Master's programme in Environmental Engineering must accomplish a study project within their studies. Main goal of the study project is to help students to gather experience on applied environmental engineering. This can be as part of a research project, practical work or a distinct task carried out in cooperation with a supervisor. Three basic requirements must be fulfilled:

- a clear contribution to the student's qualification as an environmental engineer
- a thematic relation to the student's specific academic profile
- the use of practical engineering tools and methods

The workload of the project must reflect the credit requirements. Depending on the study regulations of each student, credits and workload are:

Begin of studies	Study regulations	Credits	Workload Hours
after winter semester 16/17	FPSO20161	12	360
before summer semester 2016	FPSO20111	15	450

Students and supervisors are kindly asked to consider the workload requirements in advance.

Duration and Deadlines

There is no fixed maximum duration for the study project in order to keep it adjustable to manifold engineering tasks. Only the workload requirements must be fulfilled.

In order to complete their studies in two years, students must conclude the study project the latest in their third semester. A later submission is possible, however the after the end of the fifth semester the credits from the study project are necessary to keep up with the minimum progress control.

Supervision

In most cases the study project is carried out at the Department of Civil Geo and Environmental Engineering as part of a research project or an academic topic at one of the department's chairs. It is supervised by scientific personnel and graded by an approved examiner of the respective chair. However, it can be also carried out externally in cooperation with a private company, a public authority or a partner university - **an academic supervisor from Department of Civil Geo and Environmental Engineering is in any case mandatory.**

Examination form

The students have to compose a written report on their project and submit it to their supervisor. After the completion of the project, the students must give a short presentation (20 min) of their project to their supervisor and examiner. The weighting of report and presentation in the overall grade are:

- project report: 80%
- presentation: 20%

The brief structure of the project report is proposed as following:

1. Introduction

A brief overview of the project's scope and its relevance to environmental engineering

2. Description of the Project

In cooperation with which institution (university chair, company, public authority,...) was the project carried out? Description of the overall goal of the work; what specific work was undertaken and what methods, tools or technologies were used. In research driven projects a presentation of the state of the art can be included in this part.

3. Presentation and Discussion of the Results

Description and analysis of the project's results

4. Conclusions and Learning Outcome

Professional or technical conclusions drawn from the project's results. Description of the student's personal impulses for his/her further development as an Environmental Engineer.

Registration and grade submission

Study projects do not get registered at the department since there is no necessity for monitoring their duration. **The examiner must only submit the grading after the project is concluded.** Following data are required for the examination management:

- Name and matriculation No. of the student
- Title of the project
- Date of grading
- Overall grade

The data must be sent by the supervising chair as a hard copy, signed by the responsible examiner, to the examination officer Ms. Bayer.