

**SYLLABUS**

# **Final Year Project, Soil Mechanics and Foundation Engineering 30 credits G7005B**

**Examensarbete, Geoteknik**

**Course syllabus admitted: Autumn 2011 Sp 1 - Spring 2013 Sp 4**

**DECISION DATE  
2011-08-17**

# Final Year Project, Soil Mechanics and Foundation Engineering 30 credits G7005B

## Examensarbete, Geoteknik

### Second cycle, G7005B

Education level	Grade scale	Subject	Subject group (SCB)
Second cycle	U G#	Geoteknik	Civil Engineering

## Entry requirements

The student should, with normal study effort, be able to obtain the degree within one year from the start of his/her thesis work. The examiner decides in each case which courses are necessary for the project to be undertaken. At least one advanced course within the subject should be taken prior to the thesis work.

## Selection

The selection is based on 30-285 credits

## Examiner

Sven Knutsson

## Course Aim

In the thesis work the student shall individually or with one fellow student study a given task and write a report on the results. The work should be a research project or a technical investigation. The student should demonstrate his/her ability to:

- Apply the knowledge and skills that have been acquired.
- Plan and structure a research investigation
- Work according to a time plan
- Write a research or investigation report
- Analyze and draw conclusions from the obtained results
- Design a presentation
- Give an oral presentation of the report

The student should understand:

- The need for cooperation in research
- The different parts of the research and development (R&D) process
- How to initiate and create an R&D project
- How to implement R&D project results

## Contents

Course contents are decided in cooperation with student/students at the start of the course.

## Realization

Each course occasion's language and form is stated and appear on the course page on Luleå University of Technology's website.

## Examination

If there is a decision on special educational support, in accordance with the Guideline Student's rights and obligations at Luleå University of Technology, an adapted or alternative form of examination can be provided. Oral and written presentation of own work Opposing on thesis work of fellow student Participation in two additional thesis work presentations. Examiner: To be appointed by head of division/contact.

## Overlap

The course G7005B is equal to ABG550

## Literature. Valid from Autumn 2007 Sp 1

### Course offered by

Department of Civil, Environmental and Natural Resources Engineering

### Items/credits

Number	Type	Credits	Grade
0001	Degree project commenced	0	U G#
0002	Oral and written presentation	30	U G#

### Last revised

by Department of Civil, Environmental and Natural resources engineering 2011-08-17

### Syllabus established

by Department of Civil and Environmental Engineering 2007-01-31