



## COURSE SYLLABUS

# Project Work Structural Engineering, 7.5 credits

*Projektarbete byggnadsteknik, 7,5 högskolepoäng*

---

|   |   |
|---|---|
| <b>Course Code:</b> TP1N11                            | <b>Education Cycle:</b> First-cycle level                             |
| <b>Confirmed by:</b> Dean Jun 7, 2011                 | <b>Disciplinary domain:</b> Technology (95%) and social sciences (5%) |
| <b>Revised by:</b> Director of Education Jun 27, 2016 | <b>Subject group:</b> BY1   |
| <b>Valid From:</b> Aug 1, 2016                        | <b>Specialised in:</b> G2F  |
| <b>Version:</b> 3                                     | <b>Main field of study:</b> Civil Engineering                         |
| <b>Reg number:</b> JTH 2016/2589-313                  |   |

---

### Intended Learning Outcomes (ILO)

After completion of the course the student should:

- be able to apply scientific methods and approaches to problem solving upon the implementation of a project task or study
- show the ability to critically apply the knowledge and skills that are expected during the education
- have deepened, broadened and further developed their knowledge within the main subject area of their education
- have developed their engineering mind-set and be trained in independently solving problems
- show the ability to search, identify and analyse relevant information and knowledge
- show the ability to write a technically scientific report and to orally present its contents
- be able to shape and express knowledge through verbal communication, models, formulas and descriptive statistics

### Contents

To carry out a project within the subject field, either on your own or as a part of a group. This project may comprise design work, analyses, planning work, or similar. The project work intends to develop the students' abilities to use their acquired knowledge from the course critically. The work can be carried out in co-operation with companies, organisations or authorities.

- Gathering and processing of data
- Project planning
- Carrying through the project
- Writing reports
- Reporting

### Type of instruction

The student will carry out, alone or in a group, a Project Work within the main subject area of their education. A supervisor and examiner will be appointed for every Project Work. The project will be carried out following the directives established at the School of Engineering.

The teaching is conducted in English.

### Prerequisites

General entry requirements and completed courses 90 credits in first cycle, corresponding to at least 60 credits within the major subject Structural Engineering (or the equivalent).

### Examination and grades

The course is graded Fail (U), 3, 4 or 5.

The course is examined through a written project report, an oral presentation of the project report, opposition by another group or student, and compulsory attendance at another group's or students oral presentation.

Registration of examination:

| Name of the Test | Value       | Grading |
|------------------|-------------|---------|
| Project work     | 7.5 credits | U/3/4/5 |

### Course literature

Litterature

The literature list for the course will be provided one month before the course starts.

Bodin, A, Hidemark, J, Stintzing, M, Nyström, S. (2016)

Arkitektens handbok 2016

Lund: Studentlitteratur

ISBN: 9789144112534

Additional literature will be suggested to the students during the course according to the chosen project.