



## Course syllabus

Faculty of Technology

Department of Forestry and Wood Technology

5TS04E Teknik med inriktning mot innovation, Examensarbete (Master), 30 credits, 30 högskolepoäng

Engineering with specialization in Innovation, Degree Project (Master), 30 credits, 30 credits

### **Main field of study**

Mechanical Engineering, Forest and Wood Engineering

### **Subject Group**

Forest Science

### **Level of classification**

Second Level

### **Progression**

A2E

### **Date of Ratification**

Approved by Faculty of Technology 2015-09-28

The course syllabus is valid from spring semester 2016

### **Prerequisites**

In order to be admitted to the course, the students are required to have participated in all courses in the master programme Innovation through Business, Engineering and Design - specialisation engineering and passed on 60 of 90 credits of the programme courses. English B/English 6.

## Objectives

After completing the course the student is expected to be able to:

- independently identify research problems based on extensive knowledge of previous research,
- plan and conduct a comprehensive degree project,
- choose and apply relevant theories and research methods, including methods for gathering and analysis of data,
- extract concrete theoretical and managerial implications based on results of the study, and thereby pay attention to societal and ethical aspects,
- evaluate the outcomes of the degree project from the perspective of an interdisciplinary innovation process,
- independently write and present a degree project in dialogue with teachers, students, and other interest groups,
- critically evaluate research projects.

## Content

The course is based on a series of seminars. The work with the Degree Project includes definition and formulation of a research question, conducting advanced research work, writing a report about the research work and critically discuss and analyse other students' Degree Project material.

## Type of Instruction

Teaching consists of tutoring and seminars. Participation in seminars is compulsory. Obligatory parts are stated in the schedule.

## Examination

The course is assessed with the grades A, B, C, D, E, Fx or F.

The degree project consists of a written report that will be defended during a seminar. Students are also required to act as opponent on another degree project and active participation in seminars as part of the examination.

The grade A constitutes the highest grade on the scale and the remaining grades follow in descending order where the grade E is the lowest grade on the scale that will result in a pass. The grade F means that the student's performance is assessed as fail.

A degree project that is not assessed to possibly fulfill the requirements at the final tutoring is recommended not to be treated at the originally scheduled final seminar.

## Course Evaluation

During the course or in close connection to the course, a course evaluation is to be carried out. The result and analysis of the course evaluation are to be communicated to the students who have taken the course and to the students who are to participate in the course the next time it is offered. The course evaluation is carried out anonymously. The compiled report will be filed at the Faculty.

## Other

Grading criteria for the A–F scale are communicated in writing to the student by the start of the course/module at the latest, as well as how grades on separate elements of examination are weighed to a final course grade.

## Required Reading and Additional Study Material

### **Required reading**

Selected together with the tutor.