



# AG132X Degree Project in Built Environment, First Cycle 15.0 credits

Examensarbete inom samhällsbyggnad, grundnivå

This is a translation of the Swedish, legally binding, course syllabus.

## Establishment

Course syllabus for AG132X valid from Spring 2010

## Grading scale

A, B, C, D, E, FX, F

## Education cycle

First cycle

## Main field of study

Technology

## Specific prerequisites

This course is continuation of studies within geomatics area on basic level. At least 120 credits must be earned, of which 60 credits within geomatics area.

## Language of instruction

The language of instruction is specified in the course offering information in the course catalogue.

## Intended learning outcomes

Student will be able to:

- apply the relevant knowledge and skills expected within geomatics on a given problem
- analyze and discuss different issues and to solve larger problems on basic level within geomatics discipline
- reflect, evaluate and critically review own and other's technical and scientific results
- document and present his/her work
- identify own need of additional knowledge and take responsibility for own knowledge development

## Course contents

The course includes a project work, which starts with the formulation of a project plan in cooperation with the supervisor. The project plan contains description of background, objectives, expected results and time schedule. The student performs the project work according to the plan and documents the work in a written report, which includes introduction, literature overview, description of the methods, results, discussion and conclusions. The project will be presented and defended in a public seminar.

## Course literature

Will be given at the start of the course.

## Examination

- XUP1 - Examination Question, 15.0 credits, grading scale: A, B, C, D, E, FX, F

Based on recommendation from KTH's coordinator for disabilities, the examiner will decide how to adapt an examination for students with documented disability.

The examiner may apply another examination format when re-examining individual students.

If the course is discontinued, students may request to be examined during the following two academic years.

The thesis work can be carried out in KTH or externally, even abroad. It can be performed individually or in cooperation with other students. If there are more students working on the same project, the work performed by each student must meet criteria for individual work.

# **Other requirements for final grade**

Project report and oral presentation, (XUPP; 15,0 cr)

## **Ethical approach**

- All members of a group are responsible for the group's work.
- In any assessment, every student shall honestly disclose any help received and sources used.
- In an oral assessment, every student shall be able to present and answer questions about the entire assignment and solution.