



# AI116U Land Development 7.5 credits

Markexploatering

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

## Establishment

Course syllabus for AI116U valid from Spring 2017

## Grading scale

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

## Education cycle

First cycle

## Main field of study

Technology

## Specific prerequisites

General admission requirement or the equivalent knowledge through practical experience.

## Language of instruction

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

## Intended learning outcomes

The general aim of the course is to give the student knowledge and understanding of the complicated process- land development- as it implies to carry out a construction project from idea to completed product. This process includes problems that concern planning of the land use, land acquisition, environmental considerations, building physics, design and responsibility for various types of infrastructure, economics etc. A project involves also many actors with different assignments and driving forces- the municipality, the state, developers, neighbors, the public et al. As an underlying framework, there is also a legal system that governs the process in various ways.

This implies that the course participants should be able to on completion of the course:

• Account for which actors and activities are central at a development project where the emphasis is placed on housing construction.

• Analyze technical, environmental, economic and organizational consequences of alternative designs of land use and construction.

• Describe the legislation that governs planning, design and implementation of a project.

## Course contents

The course consists of partly a lecture section, partly a project part. The lecture section treats from theoretical starting points different questions associated with a land development. In the project, the knowledge is applied. In addition, a study visit is made to illustrate the implementation of development projects practically.

The lecture section should provide knowledge of what a land development is, which actors that are involved, which activities that normally are included. Further is described how the coordination of these actors, activities and regulatory systems varies depending on the development situation.

The project deals with analyzing a development project with regard to technical, environmental and economic preconditions. This analysis should be set against legislation about detailed planning, regulation of land acquisition and compensation, responsibility for building, administration and financing of infrastructure in the built-up area.

## Course literature

Kalbro, T. & Lindgren, E. Land development (Norstedts Law), the latest edition.

Additional course literature to be announced when the course starts.

## Examination

- ÖVN1 - Project work, 3.0 credits, grading scale: P, F
- STU1 - Study visit, 0.5 credits, grading scale: P, F

- TEN1 - Exam, 4.0 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.

## 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.