



# AI1524 Land Development 7.5 credits

## Markexploatering

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

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

## Establishment

Course syllabus for AI1524 valid from Spring 2019

## Grading scale

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

## Education cycle

First cycle

## Main field of study

Technology

## Specific prerequisites

Planning, Building and Environmental Law in Property Development (AI1520) or Legal Framework of the Built Environment (AI1525) and Land Law (AI1519) or Real Estate Development Legislation (AI1518), or equivalent knowledge.

## 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, neighbours, the public et al. As an underlying framework, there is also a legal system that governs the process in various ways.

This means that students after completing the course are expected to be able to:

- Describe the actors and activities that are central to the development projects where the emphasis is placed on housing construction.
- Analyze the technical, environmental, economic and organizational consequences of alternative forms of land use and construction.
- Describe the legislation that governs planning, design and implementation of a project.

## Course contents

The course consists of a lecture part and a project part. The lecture part deals with the theoretical foundations of issues associated with land development. This knowledge is applied on the project. In addition, a study visit is made to illustrate the practical implementation of development projects.

The lecture part will provide knowledge about what land development is, the actors involved, the activities that are normally included, and how the different regulatory systems can be used. It also describes how the coordination of these actors, activities and regulations vary 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 on detailed planning, land acquisition and compensation, responsibility for building, administration and financing of infrastructure in the built-up area.

## Course literature

Kalbro, T. & Lindgren, E. Markexploatering (Norstedts Juridik), the latest edition.

Additional course literature to be announced when the course starts.

## Examination

- STU1 - Study Visit, 0.5 credits, grading scale: P, F

- TEN1 - Examination, 4.0 credits, grading scale: A, B, C, D, E, FX, F
- ÖVN1 - Project Work, 3.0 credits, grading scale: P, 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.

## Other requirements for final grade

Pass written exam, project work and study visit.

## 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.