



AI2517 Land Development 7.5 credits

Markexploatering

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

Establishment

The course syllabus is valid from spring term 2020.

Grading scale

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

Education cycle

Second cycle

Main field of study

The Built Environment

Specific prerequisites

Entry requirements to the Master's (120 credits) programme Real Estate and Construction Management

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 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 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.
- Describe and compare international regulation and systems for land development.

Course contents

The course consists partly of a seminar section, partly of a project. The seminar section treats different questions associated with a land development from theoretical starting points and gives the opportunity to reflect upon the theoretical points of departure as well as elaborate on the course material. One seminar focus on international comparisons of legal frameworks and regulatory systems in 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 seminar section should provide knowledge of what a land development is, which actors that are involved, which activities that normally are included, and how the different regulatory systems can be used. 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.

The seminar includes discussions of international comparison of regulation and systems in land development.

Examination

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

- TEN1 - Examination, 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.