



# AI1136 Introduction to the Planning and Building Process 12.0 credits

## Samhällsbyggnadsprocessen

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 AI1136 valid from Autumn 2007

## Grading scale

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

## Education cycle

First cycle

## Main field of study

Built Environment, Technology

## Specific prerequisites

## Language of instruction

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

## Intended learning outcomes

The aim of the course is to give basic knowledge about:

- the different stages in the urban development process
- the factors that affect the process
- the methods and the analytical tools that can be used in different stages

## Course contents

The course is divided into four parts:

1 How projects are initiated, land-use planning.

- planning law, planning methods, the role of political processes and the role of the market, forces driving the development process

2 Physical and environmental aspects

- land, water and sewage systems , energy systems and environmental planning

3 Design, construction and implementation

- the role of design, the basic structures of buildings and installation systems, project management

4 Economics and ethics

- economic consequences and economic calculations, ethical aspects in the urban development process and the role of the expert.

In each part basic knowledge is presented in Lectures and Exercises. Term papers are written in each part : A specific project is analysed from different perspectives.

## Course literature

- Kurskompendium för Samhällsbyggnadsprocessen Kungliga Tekniska Högskolan
- Cecilia Björk och Leila Reppen(2000), Så byggdes staden, Svensk Byggtjänst, Västervik.

## Examination

- TEN1 - Examination, 1.5 credits, grading scale: P, F
- TEN2 - Examination, 1.5 credits, grading scale: P, F

- TEN3 - Examination, 1.5 credits, grading scale: P, F
- TEN4 - Examination, 1.5 credits, grading scale: P, F
- TEN5 - Final Examination, - credits, grading scale: P, F
- ÖVN1 - Exercises, 1.5 credits, grading scale: P, F
- ÖVN2 - Exercises, 1.5 credits, grading scale: P, F
- ÖVN3 - Exercises, 1.5 credits, grading scale: P, F
- ÖVN4 - Exercises, 1.5 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

One written exam in each part (TEN1-4; total 6cr)

One term paper, including participation in seminars and field-trips, for each part (ÖVN1-4; total 6 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.