



AI1137 Introduction to the Planning and Building Process 15.0 credits

Samhällsbyggnadsprocessen

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

Establishment

Course syllabus for AI1137 valid from Autumn 2008

Grading scale

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

Education cycle

First cycle

Main field of study

Technology, The Built Environment

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, ethics and the history of technology

- economic consequences and economic calculations, ethical aspects in the urban development process and the role of the expert, introduction to forces that drive the development of technology.

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

Course literature

- Björk C., Reppen L., Så byggdes staden. In Swedish.

Kurskompendium för Samhällsbyggnadsprocessen, Kungliga Tekniska Högskolan, 2007. In Swedish.

Examination

- TEN4 - Examination, 1.8 credits, grading scale: P, F
- TEN3 - Examination, 1.8 credits, grading scale: P, F

- ÖVN1 - Course Project, 2.0 credits, grading scale: P, F
- TEN2 - Examination, 1.7 credits, grading scale: P, F
- TEN1 - Examination, 1.7 credits, grading scale: P, F
- ÖVN4 - Course Project, 2.0 credits, grading scale: P, F
- ÖVN2 - Course Project, 2.0 credits, grading scale: P, F
- ÖVN3 - Course Project, 2.0 credits, grading scale: P, F
- TEN5 - Final Examination, 0.0 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.

Other requirements for final grade

One written exam in each part (TEN1, 2,0 hp, TEN2, 1,5 hp, TEN3 1,5 hp, TEN 4 2,0 hp, tot 7 hp)

One term paper, including participation in seminars and field-trips, for each part (ÖVN1-4; total 8 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.