



AI1107 Economics 7.5 credits

Samhällsekonomi

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 AI1107 valid from Spring 2009

Grading scale

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

Education cycle

First cycle

Main field of study

Technology

Specific prerequisites

Introduction to the Planning and Building Process

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
- Describe the financial sector, financial system and the role of financial markets in urban planning

Course contents

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, financial aspects

- Land, water and sewage systems , energy systems and environmental planning
- The relationship between the public system, the construction industry and the financial system
- The financing of infrastructural projects and parts of the same (such as streets, water supply and sewer systems, municipal or district heating, waste management, electricity and telecommunications) and the financing of housing long term financing and maintenance of real estate

3 Economics and ethics, financial aspects

- Economic consequences and economic calculations, ethical aspects in the urban development process and the role of the expert.
- The role of the financial system – infrastructure and way of functioning
- the role of financial markets – structure, functions, norms and history
- the role of real property in the financial system

Disposition

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

1. Compendium "Samhällsekonomi"
2. "Fastighetsekonomisk analys och fastighetsrätt; Fastighetsnomenklatur".
3. Axelsson, R, mfl "Mikroekonomi",

Minor changes regarding course literature will be reported at the Course homepage four weeks prior to course start.

Examination

- PROA - Project, 1.5 credits, grading scale: P, F
- TENA - Examination, 6.0 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.

Allowed during the exam: minicalculator and Swedish-XXX dictionary.

Other requirements for final grade

Approved written exam and approved coursework. A good term paper and active participation in the exercises give bonus points that together with the number of points in the written exam determines the grade in the course.

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.