



AI2106 Business Cycles in Construction and Real Estate Markets 7.5 credits

Konjunkturcykler på bygg- och fastighetsmarknaden

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 AI2106 valid from Autumn 2019

Grading scale

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

Education cycle

Second cycle

Main field of study

Built Environment

Specific prerequisites

AI2152 Quantitative Methods Applied to Real Estate and Construction Management or similar courses.

Language of instruction

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

Intended learning outcomes

After passing the course, the student should be able to:

- describe and explain different macroeconomic concepts,
- describe, apply and compare various theories of causes of fluctuations in different macroeconomic variables, including fluctuations in asset prices, and how economic stabilization policies can affect and be affected by different types of macroeconomic fluctuations,
- describe and analyze relationships between financial cycles, real estate cycles and business cycles with empirical and theoretical models,
- give examples of how knowledge in macroeconomics, real estate cycles and financial cycles can be used to analyze and develop activities that can lead to sustainable economic, environmental and social development,
- produce and present investigations of economic fluctuations in order to give decision makers knowledge that can lead to more correct decision being made.

Course contents

Basic macroeconomics: Economic growth, inflation, unemployment, interest rates, consumption, savings, investments, productivity, current account, exchange rates, indebtedness, business cycles, fiscal policy, monetary policy, financial stability.

Real estate cycles and financial cycles: fluctuations in construction, property prices and financial asset prices, financial stability and financial bubbles.

Course literature

Information about course literature is presented in the course PM.

Examination

- TENA - Examination, 4.5 credits, grading scale: A, B, C, D, E, FX, F
- ÖVN2 - Exercise, 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.

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.