



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

The course syllabus is valid from Fall 2024 according to the Head of school decision:A-2024-0642Decision date: 2024-03-15

Grading scale

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

Education cycle

Second cycle

Main field of study

Built Environment

Specific prerequisites

Knowledge in quantitative methods equivalent to the content in the course AI2152.

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
- explain how gender, diversity and inequality issues are related to the business cycles and how to consider a potential impact from the sectoral perspective

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.

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.