AI2154 Advanced Valuation and Analysis 7.5 credits

Avancerad fastighetsvärdering och analys

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

Establishment

Course syllabus for AI2154 valid from Spring 2017

Grading scale

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

Education cycle

Second cycle

Main field of study

The Built Environment

Specific prerequisites

Entry requirements to the Master ' s programme Real estates and building and goodknowledge in investment analysis.

Language of instruction

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

Intended learning outcomes

After the course, the student should have a deep understanding of a number of important aspects related to advanced real estate valuation and analysis. In particular, the student should have good understanding within the questions that concern:

1. How the market works and how this impacts real estate values and valuation
2. More advanced valuation approaches - simulation techniques, scenario analysis, risk analysis.
3. The impact from institutional changes on real estate valuation
4. Indeces, data challenges, smoothing.

Course contents

The course consists of an introduction followed by four blocks, each of which corresponds to a one of the learning objectives described above. Each block involves the students individual writing of an assignment.

Course literature

Mainly articles published in scientific journals.

Examination

- PROA - Project, 7.5 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.

The grade is primary determined by the quality of the four (compulsory) written assignments. The grade may be raised further through an examination at the end of the course. Examination is not compulsory.

The assignments are written and be handed in continuously during the course. Assignments handed in later than requested will fail.

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.