



FAI3013 Microeconomic Theory

7.5 credits

Mikroekonomisk teori

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 Autumn 2019 according to the Head of school decision A-2019-0692, 3.2.2. Date of decision: 2019-05-22

Grading scale

P, F

Education cycle

Third cycle

Specific prerequisites

Admission to postgraduate studies.

Language of instruction

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

Intended learning outcomes

The purpose of this course is to introduce the student to the concepts and strategies used in research based on microeconomic theory.

Course contents

The course covers:

- The theory of consumer choice and demand.
- Choice under uncertainty, Dynamic choice, Social choice and efficiency.
- Pure exchange and general equilibrium, The neoclassical firm.
- The competitive firm and perfect competition. Monopoly, Imperfect competition.
- Moral hazard and incentives.
- Adverse selection and market signaling.
- The revelation principle and mechanism design.
- Applications to real estate issues.

Course literature

Announced when the course starts.

Examination

- TEN1 - Written exam, 7.5 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.

A written examination.

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.