



Course syllabus

School of Business and Economics

Department of Economics and Statistics

4NA063 Avancerad Mikroekonomi, 7,5 högskolepoäng

Advanced Microeconomics, 7.5 credits

Main field of study

Economics

Subject Group

Economics

Level of classification

Second Level

Progression

A1N

Date of Ratification

Approved by School of Business and Economics 2018-12-13

The course syllabus is valid from autumn semester 2019

Prerequisites

General entry requirements for secondcycle studies and specific entry requirements:

- bachelor Degree in Economics, or in another social science or natural sciences or the equivalent
- a minimum of 90 credits in Economics,
- a minimum of 15 credits in Statistics,
- English B/English 6, or the equivalent

alternatively,

Students applying for the course within the Business Administration and Economics Programme need to have 60 credits Business Administration, 15 credits statistics, 15 credits Commercial Law, 90 credits economics and English B/English 6, or equivalent.

Objectives

After completed course the student is expected to be able to:

- formally derive a market equilibrium starting from consumers' preferences and producers' production technologies
- formally derive a monopolist's optimal pricing strategy under different forms of price discrimination and regulation
- formally derive market outcomes under different forms of market failure (e.g., externalities, public goods)
- apply game theory to formally analyse oligopoly markets, as well as simple mechanisms such as auctions and contests
- formally derive optimal contracts in principal-agent settings of asymmetric

information

Content

The course covers standard as well as modern topics in microeconomics, including:

- analysis of consumer and producer behavior and derivation of market equilibrium
- monopoly and price discrimination
- oligopoly and cartels
- game theory and applications (auctions, contests)
- market failure (externalities, public goods)
- asymmetric information (moral hazard, adverse selection) and basic contract theory (principal-agent)

Type of Instruction

The teaching consists of lectures and exercises.

Examination

The course is assessed with the grades A, B, C, D, E, Fx or F.

The course is examined through a written exam.

The grade A constitutes the highest grade on the scale and the remaining grades follow in descending order where the grade E is the lowest grade on the scale that will result in a pass. The grade F means that the student's performance is assessed as fail.

After each regular examination there will be at least one new examination in close proximity to the date the results of the regular exam were posted. Students who are close to the passing grade of reports can complement after instructions and time-frame given by the examiner to obtain a pass grade.

Grading criteria for the A–F scale are communicated in writing to the student by the start of the course at the latest.

Course Evaluation

During the implementation of the course or in close connection to the course a course evaluation is to be carried out. Result and analysis of the course evaluation is to be presented as feedback both to the students who have completed the course and to the students who are to participate on the course the next time it is offered. The course evaluation is to be carried out anonymously.

Required Reading and Additional Study Material

Required literature

Gravelle, H. and Rees, R. *Microeconomics*. Latest edition. About 300 pages.

Reference literature

Scientific articles. About 100 pages.

Selected material from other microeconomics textbooks. About 100 pages.