



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 2018-12-13

Revised 2021-10-18 by School of Business and Economics. Revision of prerequisites and update of standard texts.

The course syllabus is valid from autumn semester 2022

Prerequisites

General entry requirements for second-cycle studies, plus 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 6, or the equivalent

alternatively,

Students applying for the course within the Business Administration and Economics Programme need to have:

General entry requirements for second-cycle studies, plus specific entry requirements:

90 credits Economics including following courses:

- Mathematical Economics II 7.5 credits,
- Econometrics 7.5 credits,
- Intermediate Microeconomics 7.5 credits,
- Intermediate Macroeconomics 7.5 credits,
- Labour Economics 7.5 credits,
- Economics of Migration 7.5 credits,
- Economics, Degree Project (Bachelor) 15 credits,
- Business Statistics I 7.5 credits,
- Business Statistics II 7.5 credits,
- English 6, or the equivalent.

Objectives

After completing this course the student should 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 (7.5 credits).

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. Grading criteria for the A–F scale are communicated in writing to the student by the start of the course at the latest, as well as how the weighting and weighting of grades on individual examining elements to the final course grade takes place. The basis for the student's grade is determined by the student's fulfillment of the objectives.

Repeat examination is offered in accordance with Local regulations for courses and examination at the first and second-cycle level at Linnaeus University. An examiner can, in exceptional cases, decide that a student who is close to the level for a passing grade may carry out supplementary assignments in order to reach the passing grade.

If the university has decided that a student is entitled to special pedagogical support due to a disability, the examiner has the right to give a customised exam or to have the student conduct the exam in an alternative way.

Course Evaluation

During the implementation of the course or in close conjunction with the course, a course evaluation is to be carried out. Results and analysis of the course evaluation are to be promptly presented as feedback to the students who have completed the course. Students who participate during the next course instance receive feedback at the start of the course. The course evaluation is to be carried out anonymously.

Required Reading and Additional Study Material

~~Required reading and reference literature~~

Required reading

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.