



APPLIES TO ACADEMIC YEAR 2003/2004

EMS 9354 Intermediate Microeconomics

Program

N/A

Responsible for the course

Dag Morten Dalen

Department

Economics

Term

According to study plan

ECTS Credits

6

Objective

The purpose of the course is to train students in the systematic analysis of consumer and firm behaviour in various market situations. The course also analyzes the efficiency of resource use given different market forms (perfect competition, monopoly, oligopoly).

Prerequisites

The Foundation Program in Business Administration of the NSM or equivalent.

EMS 9354 Microeconomics is the standard introductory course in microeconomics. Algebra and elementary calculus are required as a background for students taking this course - up to and including partial derivatives. The reasoning in the course is based on graphs and standard optimization problems, where the Lagrangian technique is mentioned. We try to develop both intuition and technical skills in the course. The exam contains more formal optimization problems than is customary in a standard course at "principles" level at a US university.

Compulsory literature

Pindyck, R.S. & D.L. Rubinfeld. 2001. *Microeconomics*. 5th ed. Upper Saddle River, N.J.: Prentice Hall. (Select

Recommended literature

Grønn, E. 2001. *Mikroøkonomi: Formler og oppgaver*. 5.utg. Oslo: Cappelen akademisk forlag.

Course outline

1. Introduction to Microeconomic Analysis
2. Demand, supply and market equilibrium
3. Consumer Behavior
 - The budget constraint and consumer preferences
 - Effects of changes in price and income levels
 - Demand functions and elasticities
4. Firm behavior
 - Production theory
 - The optimal use of input factors
 - The cost of production
 - The profit objective
5. Market theory
 - Perfect competition
 - Monopoly
 - Oligopoly
 - Game theory
6. Market forms and resource allocation.

Computer-based tools

None

Course structure

The course is based on 36 lecture hours.

Evaluation

A five-hour individual written examination concludes the course.

Evaluation code(s)

EMS 93541 - written exam, which accounts for 100% of the grade in EMS 9354, 6 ECTS credits.

Aids at the examination

A calculator is permitted.

Makeup exam

A make-up exam each term.