UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

# COURSE SYLLABUS

# Microeconomics

**2021-1-E4101B007**

## Learning objectives

The course introduces students to the foundations of economic reasoning. In particular, we shall study the economic decisions of individual economic agents -- households and firms -- as well as how they interact under different market structures and the implication for social choice and policy.

## Contents

## Detailed program

| DATA | TIPO | ARGOMENTO |
|---|---|---|
| 1/3 | L1 | Introduction - Economics, demand and supply |
| 3/3 | L2 | Consumer choice: budget sets and preferences |
| 8/3 | L3 | Consumer's choice: optimal bundle |

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| 10/3 | L4 | Consumer's choice: optimal bundle (continues) |
| 15/3 | L5 | Demand and comparative statics |
| 17/3 | L6 | Price variations and consumer's welfare |
| 22/3 | E1 | Exercises: consumer's choice |
| 24/3 | L7 | Intertemporal choice, saving decisions and labor supply |
| 29/3 | L8 | Technology and production |
| 31/3 | L9 | Cost functions |
| 7/4 | E2 | Exercises: labor supply, saving decisions, technology and costs |
| 14/4 | L10 | Price-taking behavior |
| 30/4 | P1 | FIRST PARTIAL EXAM |
| 4/5 | L11 | Perfect competition |
| 5/5 | L12 | Monopoly |
| 11/5 | L13 | Game theory |
| 12/5 | E3 | Exercices: perfect competition and monopoly |
| 18/5 | L14 | Oligopoly |
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| 19/5 | L15 | Choice under uncertainty |
| 25/5 | E4 | Exercices: game theory, oligopoly, uncertainty |
| 26/5 | L16 | Externalities |
| 8/6 | L17 | Public goods |
| 9/6 | L18 | Asymmetric information |
| 15/6 | E5 | Exercises: externalities, public goods, asymmetric information |
| 16/6 | L19 | Recap and conclusions |
| | P2 | SECOND PARTIAL EXAM |

## Prerequisites

Calculus I

## Teaching methods

## Assessment methods

Two partial exams, each covering half of the program, includiing theoretical questions and exercises.

OR

One general exan, cvering the all program.

## Textbooks and Reading Materials

Varian H., Microeconomia, Libreria Editrice Cafoscarina, 2011.

## Semester

March - June 2021

## Teaching language

Italian