



UNIVERSITÀ  
DEGLI STUDI DI MILANO-BICOCCA

## COURSE SYLLABUS

### Industrial Organization

2223-2-F7702M065

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#### Learning objectives

This course addresses the most important topics in the field of Industrial Organization, and it provides a balanced mix of theoretical and applied lectures.

The course is aimed to provide students with rigorous analytical tools to analyze the behaviour of price-maker firms, in the context of both monopoly and oligopoly.

#### Contents

The course introduces students to the main theoretical models of monopoly and oligopoly.

#### Detailed program

The course is structured in two parts:

##### MONOPOLY

Price determination

Price discrimination

Vertical control

##### OLIGOPOLY

Bertrand model

Horizontal product differentiation

Capacity constraints

Repeated interaction

Asimmetry among firms

Entry and long-run equilibria

Entry and short-run equilibria

## **Prerequisites**

This course requires preliminary notions in Microeconomics and Mathematics.

## **Teaching methods**

This course is based on frontal lectures the most. Theoretical and applied lectures are provided.

## **Assessment methods**

This course ends with a written exam, based on exercises on the programme covered in class. Mid-term exam sessions are available.

## **Textbooks and Reading Materials**

Essential readings:

Gattai V. (2018), "Economia Industriale. Esercizi", Egea: Milano.

Motta M. and Polo M. (2005), "Antitrust. Economia e politica della concorrenza", Il Mulino: Bologna (ch. 5, 6, 7).

Polo M. (1993), "Teoria dell'oligopolio", Il Mulino: Bologna (ch. 1, 2, 3, 4, 5, 7, 8).

Tirole J. (1988), "Teoria dell'Organizzazione Industriale", Hoepli: Milano (ch. 1, 4).

Additional readings are suggested in class.

## **Semester**

First semester.

## **Teaching language**

Italian.

## **Sustainable Development Goals**

INDUSTRY, INNOVATION AND INFRASTRUCTURE

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