



UNIVERSITÀ  
DEGLI STUDI DI MILANO-BICOCCA

## SYLLABUS DEL CORSO

### Industrial Organization

2425-2-F7702M069

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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 (56 hours) and exercise classes (12 hours). Online classes (20 hours) and in-presence classes (48 hours) will be scheduled.

## **Assessment methods**

This course ends with a written exam, based on exercises and open questions on the programme covered in class. The exam is intended to assess the students' problem solving ability and competencies in the field of Industrial Organization. An optional mid-term exam is available in November, and it covers the first part of the programme.

## **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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