



UNIVERSITÀ  
DEGLI STUDI DI MILANO-BICOCCA

## COURSE SYLLABUS

### Industrial Organization

2425-2-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. Out of 42 hours, 12 will be taught online and 30 in presence.

## **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 problem solving capacities and competencies in the field of Industrial Organization. Mid-term exams are not available.

## **Textbooks and Reading Materials**

Essential readings:

Motta M. (2004), "Competition Policy: Theory and Practice", Cambridge University Press

Tirole J. (1988), "The Theory of Industrial Organization", MIT Press

Additional readings are suggested in class.

## **Semester**

Second semester.

## **Teaching language**

English.

## **Sustainable Development Goals**

INDUSTRY, INNOVATION AND INFRASTRUCTURE

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