UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Industrial Organization

2425-2-F7702M069

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