

## COURSE DETAIL

### INDUSTRIAL ECONOMICS

**Country**

Italy

**Host Institution**

University of Bologna

**Program(s)**

University of Bologna

**UCEAP Course Level**

Upper Division

**UCEAP Subject Area(s)**

Economics

**UCEAP Course Number**

182

**UCEAP Course Suffix****UCEAP Official Title**

INDUSTRIAL ECONOMICS

**UCEAP Transcript Title**

INDUSTRIAL ECON

**UCEAP Quarter Units**

6.00

**UCEAP Semester Units**

4.00

## Course Description

This course is part of the Laurea Magistrale degree program and is intended for advanced level students. Enrollment is by permission of the instructor.

The course content includes the following: Elements of noncooperative game theory, and solution concepts; The basics of oligopoly theory: price and quantity competition and product differentiation; Supply function competition; Mergers: private and social incentives; Cartels: implicit collusion and the theorem; Discrete choice theory: horizontal and vertical differentiation; R&D, process and product innovation and the indirect debate between Schumpeter and Arrow; Network externalities, technological standards and switching costs; Sketch of the environmental implications.

At the end of the course, the student is expected to be acquainted with: basic game theory instruments; the evolution of the theory of industrial organization, including the basic oligopoly models of Cournot, Bertrand and Stackelberg; and the manifold issues connected with the impact of firms' unregulated strategic behavior on the environment and natural resources.

### Language(s) of Instruction

English

### Host Institution Course Number

33863

### Host Institution Course Title

INDUSTRIAL ECONOMICS

### Host Institution Campus

BOLOGNA

### Host Institution Faculty

### Host Institution Degree

LM in APPLIED ECONOMICS AND MARKETS

### Host Institution Department

## ECONOMICS

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