

Industrial Organization

-Syllabus-

Graduate, M2.
Academic year 2020-2021

Instructors:

Sara Biancini, sara.biancini@cyu.fr
Thomas Trégouët, thomas.tregouet@cyu.fr

Textbooks

TIROLE, Jean. *The theory of industrial organization*. MIT press, 1988.
BELLEFLAMME, Paul, and Martin PEITZ. *Industrial organization: markets and strategies*. Cambridge University Press, 2015.

Description of the course: Industrial Organization is the branch of economics that deals with the strategic behavior of firms, market competition, competition and antitrust policy, etc. The course introduces the main techniques and themes of Industrial Organization and prepares you to do research in the field.

Grading: Written exam.

First part (Instructor: Thomas Trégouët)

Chapter I.

Monopoly and price discrimination.

Chapter II.

Oligopolistic competition and applications.

Chapter III.

Product differentiation – Introduction to Mathematica.

Chapter IV.

Topics in intermediation and the economics of platforms – Introduction to numerical simulations with Python

Second part (Instructor: Sara Biancini)

Chapter V.

Vertically related markets.

Chapter VI.

Innovation, Research and Development and Intellectual Property.

Chapter VII.

Regulation and information asymmetries.

Chapter VIII.

Topics in competition policy.