



Course guide

240786 - 240786 - Topics in Microeconomics

Last modified: 16/05/2023

Unit in charge: Barcelona School of Industrial Engineering
Teaching unit: 1039 - UPF - Universitat Pompeu Fabra.

Degree: BACHELOR'S DEGREE IN INDUSTRIAL TECHNOLOGIES AND ECONOMIC ANALYSIS (Syllabus 2018).
(Optional subject).

Academic year: 2023 **ECTS Credits:** 6.0 **Languages:** English

LECTURER

Coordinating lecturer: Francesco Cerigioni (email: francesco.cerigioni@gmail.com)

Others: Jose Apesteguia, Francesco Cerigioni, Rosa Ferrer, Alexander Frug, Andreu Mas-Colell, Massimo Motta, Rosemarie Nagel (list of professors may be subject to change)

REQUIREMENTS

Microeconomics I and II, as well as Introduction to Game Theory are required. Microeconomics III is recommended.

TEACHING METHODOLOGY

The lectures will cover theoretical, experimental and empirical material. There is no single reference textbook but rather each instructor will provide a list of articles and other references pertinent to the topics covered. Seminars will serve to deepen the understanding of the material presented in class. The students will be asked to participate in and possibly also design some behavioral experiments related to the materials presented in class.

LEARNING OBJECTIVES OF THE SUBJECT

The course aims to cover advanced topics in microeconomics, from individual and decision-making, communication to competition and price formation.

The student should become familiar with some of the contemporary research in the areas of behavioral decision-making, strategic communication, competition and price formation. He/she should learn how to think about and how to model key questions arising in these areas.



CONTENTS

Choices, rationality, innovation, communication, competition and price formation

Description:

- Topic 1 Behavioral Decision Theory (Prof: Jose Apesteguia)
- Topic 2 Rationality (Prof: Francesco Cerigioni)
- Topic 3 Automatic Processes (Prof. Francesco Cerigioni)
- Topic 4 Innovation (Prof. Rosa Ferrer)
- Topic 5 Strategic Communication (Prof. Alexander Frug)
- Topic 6 Competition Economics (Prof: Massimo Motta)
- Topic 7 Price Formation (Profs: Andreu Mas-Colell and Rosemarie Nagel)

Full-or-part-time: 48h

- Theory classes: 30h
- Practical classes: 9h
- Guided activities: 9h

GRADING SYSTEM

Grades are based on the final exam (70%) and participation in class, seminars and experiments (30%). There will be no midterm exam.

BIBLIOGRAPHY

Complementary:

- Camerer, Colin. Behavioral Game Theory. Princeton University Press, 2003. ISBN 0691090394.
- Tirole, Jean. Theory of Industrial Organization. Cambridge, Mass.: MIT Press, 1988. ISBN 9780262200714.
- Gilboa, Itzhak. Rational Choice [on line]. Cambridge, Mass.: MIT Press, 2010 [Consultation: 02/11/2022]. Available on: <https://ebookcentral-proquest-com.recursos.biblioteca.upc.edu/lib/upcatalunya-ebooks/detail.action?pq-origsite=primo&docID=3339121>. ISBN 9780262265997.
- Kreps, David. Notes on the Theory of Choice. Boulder [etc.]: Underground Classics in Economics, 1988. ISBN 0191823325.