



Course guide

240765 - 240765 - Macroeconomics III

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).
(Compulsory subject).

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

LECTURER

Coordinating lecturer: Dr. Francesco D'Ascanio

Others:

TEACHING METHODOLOGY

I will teach 19 theoretical lessons to the whole group. These are complemented by 7 seminars in which the students solve questions and exercises that have already been submitted, with the active participation of students.

LEARNING OBJECTIVES OF THE SUBJECT

General competences:

- Reading, understanding and interpretation of academic texts in English.
- The ability to coherently argue one's own positions.
- Independent reasoning with critical distance.
- The ability to apply the knowledge acquired flexibly and creatively.

Specific competences:

- Knowledge of the basic characteristics of economic fluctuations
- The ability to analyze the equilibrium of basic macroeconomic models.
- The ability to assess the empirical relevance of these models.
- The ability to interpret the evolution of the economy from the perspective of the models analyzed.
- The ability to write a program in Dynare and Matlab to solve and simulate simple models.

CONTENTS

title english

Description:

The course studies the following five topics:

- I. Economic Fluctuations: Concepts and Evidence
- II. Real Models of the Economic Cycle and Fiscal Policy
- III. Monetary Models of the Economic Cycle and Monetary Policy
- IV. Economic Fluctuations and the Labor Market
- V. Economic Fluctuations and Financial Markets

Full-or-part-time: 3h

Theory classes: 1h 30m

Practical classes: 1h 30m



GRADING SYSTEM

Final exam: 80%

Problem sets: 20%

The same criteria apply to the retake exam.

BIBLIOGRAPHY

Basic:

- Jordi Galí. Monetary Policy, Inflation, and the Business Cycle: An Introduction to the New Keynesian Framework and Its Applications - Second Edition. 2nd ed. Princeton, NJ: Princeton University Press, 2015. ISBN 9780691164786.