

## SUBJECT TEACHING GUIDE

### 870 - MACROECONOMICS

#### Master's Degree in Economics: Instruments of Economic Analysis

Academic year 2023-2024

1. IDENTIFYING DATA					
Degree	Master's Degree in Economics: Instruments of Economic Analysis			Type and Year	Compulsory. Year 1
Faculty	Faculty of Economics and Business Studies				
Discipline	Obligatory Subjects Module				
Course unit title and code	870 - MACROECONOMICS				
Number of ECTS credits allocated	4	Term	Semester based (1)		
Web					
Language of instruction	Spanish	English Friendly	Yes	Mode of delivery	Face-to-face

Department	DPTO. ECONOMIA
Name of lecturer	VIRGINIA SANCHEZ MARCOS
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Other lecturers	

3.1 LEARNING OUTCOMES
- Competence to use economic models to think about economic facts, to test model implications and to quantitatively evaluate economic policies.
- Competence to use models to think about economic facts, to test model implications and to quantitatively evaluate economic policies.
- Capacity to use dynamic macroeconomic models to do economic analysis is strengthened.

#### 4. OBJECTIVES

First introducing modern macroeconomic models. Second learning a numerical method to compute models. Third mapping models to data. All in all it provides an introductive to basic steps to undertake a research project.

#### 6. COURSE ORGANIZATION

CONTENTS	
1	INTRODUCTION
2	REPRESENTATIVE AGEN MODEL 1. Household's problem 2. Firm's problem 3. Competitive equilibrium 4. Welfare theorems 5. Dynamic programming 6. Computation 7. Calibration
3	Ricardan Equivalence Taxes Public debt

#### 7. ASSESSMENT METHODS AND CRITERIA

Description	Type	Final Eval.	Reassessn	%
Exam	Written exam	Yes	Yes	60,00
Exercises	Others	No	Yes	40,00
TOTAL				100,00
Observations				
The weight of each of the different evaluation test for the final grade may change in response to changes in the number of students in the course. If the evaluation has to be online, the same evaluation would be implemented.				
Observations for part-time students				
Part-time students will be evaluated with the same criteria than full-time students. For the evaluation students only have to attend to the final exam and deliver the problem sets regularly.				

#### 8. BIBLIOGRAPHY AND TEACHING MATERIALS

BASIC
Adda, J. y Cooper, R. (2003), "Dynamic Economics", The MIT Press Cambridge, Massachusetts.
Wickens, (2008), "Macroeconomic Theory". Princeton University Press
Krueger, D. (2000), "Macroeconomic Theory". Online