# uc3m Universidad Carlos III de Madrid

# Monetary and Financial Economics

Academic Year: ( 2023 / 2024 ) Review date: 24-01-2024

Department assigned to the subject: Economics Department Coordinating teacher: SEOANE BERNADAZ, HERNAN DANIEL

Type: Electives ECTS Credits: 6.0

Year: Semester:

## REQUIREMENTS (SUBJECTS THAT ARE ASSUMED TO BE KNOWN)

Basic knowledge of macroeconomics and calculus is required

#### **OBJECTIVES**

The aim of this course is to introduce the student to the basic concepts and models of monetary and financial economics. The student will learn about the following issues.

- 1. The role of money and other financial assets in the economy
- 2. The determinants of money demand and supply
- 3. The functioning of the money and financial markets
- 4. The role of banks and financial intermediaries
- The effects of inflation
- 6. The working of the foreign exchange market
- 7. The role of monetary policy
- 8. Understand the role of budget constraints

#### **DESCRIPTION OF CONTENTS: PROGRAMME**

The course uses the Overlapping Generations framework as a workhorse to address the issues mentioned above. If time permits we will also review other standard models of money.

## LEARNING ACTIVITIES AND METHODOLOGY

The course will be equally divided into theory lectures and practical sessions where exercises will be discussed.

# ASSESSMENT SYSTEM

The students will be asked to hand in four assignments during the course. All assignments will be worth 30% of the final grade. Half way through the course, there will be a midterm worth 20% of the final grade. The final exam, to be held at the end of the course will be worth the remaining 50% of the final grade.

We ask a minimum grade for the final of 4 points in the scale of 10

% end-of-term-examination: 50

% of continuous assessment (assigments, laboratory, practicals...): 50

## **BASIC BIBLIOGRAPHY**

- Carl Walsh "Monetary Theory and Policy", The MIT Press, 3rd Edition 2010
- Champ, Freeman and Haslag "Modelling Monetary Economies", Cambridge University Press, 3rd Edition 2011
- Mc Candless and Wallace "Introduction to Dynamic Macroeconomic Theory: An Overlapping Generations Approach", Harvard University Press, 1991