Course guide
240765 - 240765 - Macroeconomics III

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: 2022 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

<table>
<thead>
<tr>
<th>Title English</th>
</tr>
</thead>
<tbody>
<tr>
<td>Description:</td>
</tr>
<tr>
<td>The course studies the following five topics:</td>
</tr>
<tr>
<td>I. Economic Fluctuations: Concepts and Evidence</td>
</tr>
<tr>
<td>II. Real Models of the Economic Cycle and Fiscal Policy</td>
</tr>
<tr>
<td>III. Monetary Models of the Economic Cycle and Monetary Policy</td>
</tr>
<tr>
<td>IV. Economic Fluctuations and the Labor Market</td>
</tr>
<tr>
<td>V. Economic Fluctuations and Financial Markets</td>
</tr>
</tbody>
</table>

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: