UAB
Universitat Autònoma de Barcelona

2018/2019

Advanced Macroeconomics and Finance

Code: 40102
ECTS Credits: 10

Degree	Type	Year	Semester
4313805 Economic Analysis	OT	2	2

Contact

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Teachers

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Use of languages

Principal working language: english (eng)

Prerequisites

There are no specific prerequisits

Objectives and Contextualisation

This module presents some of the most widely used theoretical and empirical models in modern macroeconomics. By providing the student with solid theoretical foundations, the goal of this module is to bring the student to frontier applications in macroeconomics and finance and open new lines of research. The models seen in this module can be learned from the fields of labor economics, international macroeconomics, trade, financial economics, asset pricing, monetary policy and fiscal policy.

Skills

- Apply the methodology of research, techniques and specific advanced resources to research and produce innovative results in a specific area of specialisation
- Capacity to articulate basic economic theory, analytically deriving them from mathematical reasoning
- Conceptually analyse a specific economic problem using advanced analytical tools
- Demonstrate an open , innovative and analytical attitude towards research questions
- Design, plan and carry out economic research
- Express recommendations about economic policy at macro and micro levels
- Make independent judgements and defend them dialectically
- Possess and understand knowledge that provides a basis or opportunity for originality in the development and/or application of ideas, often in a research context
- Search for information in the scientific literature using the appropriate channels and integrate the information to propose and contextualise a research topic
- Student should possess the learning skills that enable them to continue studying in a way that is largely student led or independent
- Students should be able to integrate knowledge and face the complexity of making judgements based on information that may be incomplete or limited and includes reflections on the social and ethical responsibilities associated with the application of their knowledge and judgements
- Students should know how to apply the knowledge they have acquired and their capacity for problem solving in new or little known fields within wider (or multidisciplinary) contexts related to the area of study
- Students should know how to communicate their conclusions, knowledge and final reasoning that they hold in front of specialist and non-specialist audiences clearly and unambiguously

Learning outcomes

1. Apply the methodology of research, techniques and specific advanced resources to research and produce innovative results in a specific area of specialisation
2. Demonstrate an open , innovative and analytical attitude towards research questions
3. Draw up rigorous arguments to explain certain macroeconomic and financial phenomena
4. Frame an economic question in the field of macroeconomics and finance in a mathematical problem and derive the answer from mathematical logic
5. Identify the specific assumptions that allow the answer to be found for phenomena in the field of macroeconomics and finance
6. Interpret the modelling of a problem and the conclusion deriving from it
7. Make independent judgements and defend them dialectically
8. Possess and understand knowledge that provides a basis or opportunity for originality in the development and/or application of ideas, often in a research context
9. Recognise the existing challenges in the field of macroeconomics and finance, propose a plan to describe the stages to follow and the methodologies to use to respond to those challenges
10. Search for information in the scientific literature using the appropriate channels and integrate the information to propose and contextualise a research topic
11. Student should possess the learning skills that enable them to continue studying in a way that is largely student led or independent
12. Students should be able to integrate knowledge and face the complexity of making judgements based on information that may be incomplete or limited and includes reflections on the social and ethical responsibilities associated with the application of their knowledge and judgements
13. Students should know how to apply the knowledge they have acquired and their capacity for problem solving in new or little known fields within wider (or multidisciplinary) contexts related to the area of study
14. Students should know how to communicate their conclusions, knowledge and final reasoning that they hold in front of specialist and non-specialist audiences clearly and unambiguously

Content

Corporate Finance

Optimal Policy and Expectations

Quantitative Macroeconomics

Money and Banking

Structural Microand Time Series Tools for Policy Evaluation

Topics in Trade and International and Empirical Finance

Asset Pricing

Methodology

• Theory classes

• Practical classes

• Learning based on problem solving

• Tutorials

• Personal study

• Study groups

• Textbook reading

• Article reading

Activities

Title	Hours	ECTS	Learning outcomes
Type: Directed			
Theory classes	75	3	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14
Type: Supervised			
Practical classes, problems sets, tutorials	25	1	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14
Type: Autonomous			
Personal study, study groups, textbook readings, article readings	150	6	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14

Evaluation

Final Exams	70%
Class attendance and active participation	10%

Problem sets and assignments		20%

Evaluation activities

Title	Weighting	Hours	ECTS	Learning outcomes
Class Attendance and Problem sets and assignments	30%	0	0	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14
Final Exams	70%	0	0	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14

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