Topics in Empirical Economics

MASTER'S DEGREE IN ECONOMICS AND FINANCE

UNIVERSIDAD INTERNACIONAL MENÉNDEZ PELAYO

GENERAL DATA

Brief description

This course is part of Module II, which contains subjects that provide advanced knowledge in a wide variety of areas of economics, freely chosen by the students. Some fields are covered in a single subject, while others are structured through several subjects in the third to fifth quarters. Students may choose from among all the electives offered, with the only restriction of taking at least three per quarter.

Name

Topics in Empirical Economics

Code

101136

Academic year

2022-23

Degree

[MASTER'S DEGREE IN ECONOMICS AND FINANCE](#)

ECTS Credits

6

Type

ELECTIVE

Duration

Cuatrimestral

Language

English

CONTENTS

Contents

- Model Selection: Large vs Small Scale Models, Dynamic vs Static Factor Models.

- Forecasting Turning Points.

- Nowcasting and Real Time Forecasting.

- Forecasting Amplitudes, Durations and Shapes of Recessions and Expansions.

- Forecasting Evaluation.

COMPETENCES

General competences

G1 - Show solid knowledge of economic theory and relevant economic, econometric and computational techniques.

G2 - Apply acquired knowledge and ability to problem solve in new or unfamiliar environments within wider or multidisciplinary contexts related to the study of economics and finance.

G3 - Integrate knowledge and face the complexity of forming judgments from limited or incomplete information which includes reflections on social or ethical responsibility tied to applying economic knowledge and judgement.

G4 - Critically analyze, evaluate and synthesize new and complex ideas in relation to empirical theories and methodologies in the area of economics.

G5 - Design and complete a research project at a high academic level, forming a reasonable hypothesis, in the area of economics.

G6 - Orally present scientific and technical projects in economics to specialized and non-specialized publics, in a clear and unambiguous way.

G7 - Adequately complete written compositions and projects or scientific articles.

G8 - Organize and plan their own work, fostering initiative and entrepreneurial spirit.

G9 - Integrate in work groups dedicated to economic research projects.

G10 - Show the sufficient ability for study, synthesis and autonomy in order to, once having completed the Master's, complete a doctoral thesis in the area of economics.

Specific competences

EO14 - Possess knowledge about the interaction between theoretical models, data and econometric methods which characterize applied work, analyzing articles which are representative of different ways to complete empirical work in micro and macroeconomics.

LEARNING PLAN

Training activities

AF1.- Theoretical classes

AF2.- Practical classes

AF5.- Study of theoretical course content

AF6.- Solving practical exercises

AF7.- In-class preparation of presentations

Teaching methods

- Theoretical classes in which the topics of the program of the subject are developed.

- Practical classes in which students solve exercises previously distributed by the teacher.

Learning outcomes

- Understanding the interaction between theoretical models, data and econometric methods that characterizes the applied work. Analyzing representative articles of different ways of approaching the empirical work in micro and macroeconomics.

EVALUATION

Evaluation system

SE1.- Exercises

SE2.- Presentations

SE4.- Exams

FACULTY

Coordinator/s

Caruana Húder, Guillermo

PhD Economía en Boston University

Professor of Economics

Centro de Estudios Monetarios y Financieros (CEMFI)

Lecturers

Fawaz , Yarine

Rees , Daniel

SCHEDULE

Schedule

This optional subject is part of Module II and is taught in the fourth and fifth quarters.