

Título del Máster:  
Código Máster:  
Edición:  
Año académico:  
Director:  
Fecha:

**Máster Universitario en Economía y Finanzas**  
**P04K**  
**2022-24**  
**2022-23**  
**Guillermo Caruana Húder**  
**Del 5 de septiembre de 2022 al 30 de junio de 2023**

**PRIMER TRIMESTRE CURSO 2022-2023: DEL 5 DE SEPTIEMBRE AL 2 DE DICIEMBRE DE 2022**

Código y título de asignatura	Tema	Día	Hora inicio	Hora fin	Profesor/es
<b>102660 - Matemáticas</b>	This course provides a complete and rigorous review of the main mathematical methods used in economics	De lunes a viernes	9:30	13:00	Dante Amengual
<b>102661 - Microeconomía</b>	This course studies the behavior of the fundamental microeconomic agents -consumers and producers- and revises the main results of competitive general equilibrium theory. Likewise, this course provides a rigorous introduction to game theory with complete information.	Lunes Jueves	9:30 11:30	13:00 13:00	Guillermo Caruana
<b>102662 - Macroeconomía I</b>	This course provides the student with a basic knowledge in macroeconomics through the analysis of the neo-classical growth model and its implications for aggregate allocations in the long run.	Martes Jueves	9:30 9:30	13:00 11:00	Pau Roldán-Blanco
<b>102663 - Métodos estadísticos de la econometría</b>	This course provides students with the required knowledge in statistics for econometric courses and for the topics with statistical content in other courses of the Program. This course reviews the basic concepts of probability theory, inference and asymptotic theory, with special reference to regression models.	Miércoles Viernes	9:30 11:30	13:00 13:00	Pedro Mira
<b>102691 - Seminario de Economía Aplicada</b>	The workshop is aimed at helping students to become acquainted with several empirical approaches, methodological issues, and evidence in different areas of Economics. It also helps them to learn and practice the skills of academic presentation.	Jueves	15:30	17:00	Pedro Mira

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**SEGUNDO TRIMESTRE CURSO 2022-2023: DEL 9 DE ENERO AL 17 DE MARZO DE 2023**

Código y título de asignatura	Tema	Día	Hora inicio	Hora fin	Profesor/es
<b>102691 - Seminario de economía aplicada</b>	The workshop is aimed at helping students to become acquainted with several empirical approaches, methodological issues, and evidence in different areas of Economics. It also helps them to learn and practice the skills of academic presentation.	Miercoles	15:30	17:15	Pedro Mira
<b>102664 - Incertidumbre e información</b>	* Theory of choice under uncertainty	Martes	11:30	16:30	Guillermo Caruana
	* Game theory with incomplete information * Adverse selection and signaling * Moral hazard, incentives and contracts * Mechanism desing *Auctions	Viernes	9:30	11:00	
<b>102665 - Macroeconomía II</b>	* The Neoclassical Growth Model	Jueves	11:30	16:30	Nezih Guner
	* Multi-Sector Models and Growth * Overlapping Generations * Capital Adjustment Costs * A Deeper Focus on Consumption * Money	Viernes	11:30	13:00	
<b>102666 - Econometría</b>	* Regression Analysis with Time Series	Lunes	9:30	11:00	Manuel Arellano
	* Simultaneity and Errors in Variables * Inference and Estimation Methods * Time Series Models * Panel Data * Discrete Choice	Miércoles	9:30	13:00	

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**TERCER TRIMESTRE CURSO 2022-2023: DEL 10 DE ABRIL AL 16 DE JUNIO DE 2023**

Código y título de asignatura	Tema	Día	Hora inicio	Hora fin	Profesor/es
102667 - Mercados y Organizaciones	This course combines an overview of the classical topics in industrial organization and a discussion of some recent developments, particularly in relation to the digital economy. Due to the lack of a comprehensive model, we shall cover different applications that study pricing and product decisions, as well as some other the strategic decisions of firms related to entry and exit in a market or the effects of platforms and advertising policies. Although the course will mainly focus on theoretical models we will often rely on empirical evidence.	Lunes	15:00	18:30	Wouter Vergote y Guillermo Caruana
		Miercoles	15:00	16:30	
102668 - Macroeconomía Cuantitativa	This course introduces the techniques of modern quantitative macroeconomics to study economies with (a) household heterogeneity, with a special focus on the life cycle dimension, and/or firm heterogeneity, with a special focus on firm dynamics. One important aspect of the course is the emphasis on learning how to solve these economies in the computer. To this end, there is a sequence of problem sets that will guide you through the steps to solve the canonical models of Aiyagari (1994) and Huggett (1996) for the household heterogeneity part, and Hopenhayn and Rogerson (1993) for the firm heterogeneity part.	Martes	15:00	16:30	Josep Pijoan-Mas
		Jueves	9:30	13:00	
102669 - Economía Financiera	This course analyses some of the best-known models for portfolio choice and the valuation of risky assets, including more specialized discussions of some financial instruments such as derivatives and fixed income securities. The course covers both static and dynamic models in discrete time, so it does not require any knowledge of stochastic calculus. It also presents a brief introduction to models of the microstructure of financial markets. The topics covered include theory, tools and empirical evidence. In addition, students will have a chance to present well-known empirical papers.	Martes	11:30	13:00	Enrique Sentana
		Miercoles	9:30	11:00	
102670 - Finanzas Empresariales	This course reviews the different theories on the determinants of firms' financial decisions, most notably those concerning their financial structure as well as related topics such as payout policies, mergers and acquisitions, initial public offerings, and corporate governance.	Lunes	9:30	13:00	Javier Suárez
		Martes	17:00	18:30	
102671 - Macroeconometría Aplicada	This course covers applied methods used in macroeconomics and finance to extract output gaps and to separate trend and cycles; to measure the effect of permanent and transitory shocks on domestic and international variables; to deal with large data (assets, consumers, firms, sectors, etc.) and to study networks interconnections. It also provides an introduction to the estimation of Dynamic Stochastic General Equilibrium (DGSE) models.	Jueves	15:00	16:30	Fabio Canova
		Viernes	15:00	18:30	
102672 - Microeconometría Aplicada	This course covers empirical strategies for applied microeconomic research. The goal is to acquire theoretical and practical tools to estimate causal effects with the use of micro data. These techniques are becoming mainstream in policy evaluation, and are key for sound economic policy advice. Our agenda includes regression and matching, instrumental variables, difference-in-differences, regression discontinuity designs, randomized control trials (RCT) and policy learning.	Martes	9:30	11:00	Liyang Sun
		Viernes	9:30	13:00	