

MASTER IN QUANTITATIVE ECONOMIC ANALYSIS
2023-2024

Classroom: E-1-301

First term: 10 weeks. Lectures from 25th September to 5th December 2023.

Exams: from 18th December to 22nd December 2023.

1st term	Monday	Tuesday	Wednesday	Thursday	Friday
15:00-17:00	Advanced Macroeconomics: Numerical Methods	Microeconomics: Decision Theory	Economic Time Series	Microeconomics: Decision Theory	<i>Workshop in Research Methodologies</i>
17:00-19:00	Economic Time Series	Mathematical Methods in Economics	Introduction to Computational Economics (weeks 1 to 3) ----- Introduction to Machine Learning in Economics and Finance (weeks 4 to 10)	Mathematical Methods in Economics	<i>Workshop in Research Methodologies</i>
19:00-21:00	Introduction to Computational Economics (weeks 1 to 3) ----- Introduction to Machine Learning in Economics and Finance (weeks 4 to 10)	Introduction to Computational Economics (weeks 1 to 3) ----- Introduction to Machine Learning in Economics and Finance (weeks 4 to 10)	Advanced Macroeconomics: Numerical Methods		<i>Workshop in Research Methodologies</i>

<u>Code</u>	<u>Subject</u>	<u>Instructor</u>	<u>Department</u>	<u>ECTS</u>
33437	Mathematical methods in Economics	Marta Llorente Comi	Análisis Económico: Economía Cuantitativa. UDI Matemáticas	4
33443	Advanced Macroeconomics: Numerical Methods	Beatriz de Blas / Fernando García Berenguer	Análisis Económico: Teoría Económica e Historia Económica	4
33444	Microeconomics: Decision Theory	Carmen Arguedas Tomás	Análisis Económico: Teoría Económica e Historia Económica	
33441	Economic Time Series	Pilar Poncela Blanco	Análisis Económico: Economía Cuantitativa. UDI Econometría	4
33438	Introduction to Computational Economics	Sara Cuenda Cuenda	Análisis Económico: Economía Cuantitativa. UDI Matemáticas	2
33439	Introduction to Machine Learning in Economics and Finance	Javier Bas Vicente	Análisis Económico: Economía Cuantitativa. UDI Econometría	4

EVALUATION

Note: Unless the professor of a given course indicates otherwise, exams start at 16:00.

Code	Subject	Type of evaluation	Exam date	Classroom
33444	MICROECONOMICS: DECISION THEORY	Final exam	19 December 2023	E-1-301
33443	ADVANCED MACROECONOMICS: NUMERICAL METHODS		20 December 2023	E-1-301
33438	INTR. TO COMPUTATIONAL ECONOMICS		27 October 2023	E-1-301
33439	INTR. TO MACHINE LEARNING IN ECONOMICS AND FINANCE		21 December 2023	E-1-301
33437	MATHEMATICAL METHODS		22 December 2023	E-1-301
33441	ECONOMIC TIME SERIES		18 December 2023	E-1-301

Second term: 10 weeks. Lectures from 8th January to 18th March 2024.

Exams: from 20th March to 3rd April 2024.

2nd term	Monday	Tuesday	Wednesday	Thursday	Friday
15:00-17:00	An introduction to Economic Big Data	Competition Economics	Macroeconomic Modelling	Quantitative Methods in Macroeconomic Analysis and Forecasting Business Cycles	<i>Workshop in Research Methodologies</i>
17:00-19:00	Competition Economics	An introduction to Economic Big Data	Microeconometrics	Microeconometrics	<i>Workshop in Research Methodologies</i>
19:00-21:00	International Economics and Finance/ Social and Economic Networks	Quantitative Methods in Macroeconomic Analysis and Forecasting Business Cycles	International Economics and Finance/ Social and Economic Networks	Macroeconomic Modelling	<i>Workshop in Research Methodologies</i>

<u>Code</u>	<u>Subject</u>	<u>Instructor</u>	<u>Department</u>	<u>ECTS</u>
33445	Macroeconomic Modeling	Beatriz de Blas/ Fernando García Berenguer	Análisis Económico: Teoría Económica e Historia Económica	4
33446	Competition Economics	Felix Muñoz	Análisis Económico: Teoría Económica e Historia Económica	4
33442	Microeconometrics	Rocío Sánchez Mangas	Análisis Económico: Economía Cuantitativa. UDI Econometría	4
33440	An Introduction to Economic Big Data	Pendiente de contratación	Escuela Politécnica Superior- Ingeniería Informática	4
33448	International Economics and Finance	Carlos Llano Verduras	Análisis Económico: Teoría Económica e Historia Económica	4
33447	Quantitative Methods in Macroeconomic Analysis and Forecasting Business Cycles	Aránzazu de Juan Fernández	Análisis Económico: Economía Cuantitativa. UDI Econometría	4
33449	Social and Economic Networks	Sara Cuenda Cuenda/ Marta Llorente Comí	Análisis Económico: Economía Cuantitativa. UDI Matemáticas	4

EVALUATION

Note: Unless the professor of a given course indicates otherwise, exams start at 16.00.

Code	Subject	Type of evaluation	Exam date	Classroom
33445	MACROECONOMIC MODELING	Final exam	21 March 2024	E-1-301
33440	INTR. TO ECONOMIC BIG DATA		2 April 2024	
33446	COMPETITION ECONOMICS		22 March 2024	
33442	MICROECONOMETRICS		4 April 2024	
33447	QUANTITATIVE METHODS & BUSINESS CYCLE (OPT)		20 March 2024	
33448	INTERNATIONAL ECONOMICS AND FINANCE (OPT)			
33449	SOCIAL AND ECONOMIC NETWORKS (OPT)			

Third term: 6 weeks. Lectures from 8th April to 17th May 2024.

Exams: from 20th to 24th May 2024.

3rd term	Monday	Tuesday	Wednesday	Thursday	Friday
15:30-17:30		Topics in Finance and Applied Economics		Impact Evaluation Methods	<i>Workshop in Research Methodologies</i>
17:45-19:45		I Impact Evaluation Methods		Topics in Finance and Applied Economics	<i>Workshop in Research Methodologies</i>

<u>Code</u>	<u>Subject</u>	<u>Instructor</u>	<u>Department</u>	<u>ECTS</u>
33450	Impact Evaluation Methods	Rocío Sánchez Mangas	Análisis Económico: Economía Cuantitativa. UDI Econometría	3
33453	Topics in Finance and Applied Economics	Nuria Suárez Suárez	Financiación e Investigación Comercial: UDI de Financiación	3

EVALUATION

Note: Unless the professor of a given course indicates otherwise, **exams start at 16.00.**

Code	Subject	Type of evaluation	Exam date	Classroom
33453	TOPICS IN FINANCE & APPLIED ECONOMICS (OPT)	TBD	21 May 2024	E-1-301
33450	IMPACT EVALUATION METHODS (OPT)		23 May 2024	