

**Bachelor's Degree**

**Social Sciences and Law**



# **Economics**

**Complutense University of Madrid**



# Syllabus

Option: Group in English.

Type of subject	ECTS
Core Studies	60
Compulsory	116
Elective	58*
Final Year Project	6
Total	240

\* Includes 12 ECTS for Internships.

Year One	ECTS
Microeconomics I	6
Macroeconomics I	6
Corporate Economics	6
Financial Accounting	6
History of Economics I	6
Economic Law	6
Mathematics I	6
Mathematics II	6
Statistics I	6
Modern Language	6

Year Two	ECTS
Microeconomics II	6
Macroeconomics III	6
Mathematics III	6
Statistics II	6
Methods of Applied Economics	6
World Economics	6
International Economics	6
History of Economics II	6
Analytical Accounting	6
Finance	6

Year Three	ECTS
Macroeconomics II	6
Macroeconomics III	8
Econometrics	6
Taxation	6
Public Economics	6
Spanish Economy	6
International Economic Organisation	6
Economic Policy	6
Monetary and Financial Economics	6
One Elective from Year 3	4

Year Four	ECTS
Seven Electives Compulsory from Itinerary	42
Three Free Electives from Year 4 or Internship	12
Final Year Project	6

Third Year Electives	ECTS
History of Economic Thought	4
Contemporary Economics in Historical Perspective	4
Marketing Fundamentals	4



Year Four Electives	ECTS
<b>Specialism: Economic Analysis</b>	
Advanced Microeconomic Analysis	6
Advanced Macroeconomics	6
Theory of Economic Growth	6
Game Theory and Optimisation	6
Applied Econometrics	6
Industrial Organisation	6
Financial Theory	6
<b>Specialism: Applied Economics</b>	
Economic Growth	6
Game Theory and Optimisation	6
Applied Econometrics	6
Regional Economics	6
Innovation Economics	6
Industrial Economics	6
European Economics	6
<b>Specialism: Monetary and Financial Economics</b>	
Advanced Macroeconomics	6
Game Theory and Optimisation	6
Applied Econometrics	6
Monetary Economics. Theory and Policy	6
Spanish Financial System and Comparative	6
Financial Theory I	6
Financial Theory II	6
<b>Specialism: World Economics</b>	
Advanced Macroeconomics	6
Applied Econometrics	6
European Union Economics	6
Advanced International Economics	6
Development Economics	6
World Policy Economics	6
International Trade and Finance	6
<b>Specialism: Public Economics</b>	
Advanced Microeconomic Analysis: Taxation Economics	6
Game Theory and Optimisation	6
Applied Econometrics	6
Corporate Taxation	6
Public Expenditure Economics	6
Fiscal Federalism	6
Public Management	6
<b>Free Electives</b>	
Natural Resource Economics	4
Regulation Economics	4
International Finance	4
Sociology and Social Structure	4
Economics and Gender	4
Commercial Research	4
External Internships	12

Participation Credits	ECTS
Any course	9

## Knowledge acquired

- Formal fundamentals of individual decisions, through microeconomic analysis.
- Macroeconomic analysis of aggregate agent behaviour.
- Econometric modelling, using univariate models or explanatory variables.
- National and international economic reality, production sectors.
- Public sector and economic institutions.
- Fundamentals of the national and the international economic environment.
- Advisory reports on companies, organisations, sectors, countries or regions.
- Sources of relevant economic information for decision-making.
- Economic institutions.
- National and international economic history.
- Elements of business management, including fundamentals of accounting, finance, business organisation and marketing.
- Basic legal system and legal institutions.
- Basics of linear algebra, differential and integral calculus, and mathematical optimisation.
- Fundamentals of descriptive statistics, probability calculus and inference.

## Professional opportunities

- Public Administration: commercial specialists and state economists, credit institution specialist and inspector, advanced technician in the general state administration, public statisticians, local administration treasurers, National Audit Office auditors, Bank of Spain credit institution inspectors, armed forces service corps, etc.
- Private sector in SMEs or large companies: banks, consulting firms, friendly societies or trading companies.
- International organisations: International Monetary Fund, World Bank, Organisation for Economic Cooperation and Development, European Union institutions, NGOs, etc.
- Teaching and research: in business schools, public or private universities, secondary education schools or vocational training.
- Free professional practice: practising as tax consultant or accountant, or working in bank or public institution research services.



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## Faculty of Economics and Business

Campus Somosaguas  
<http://economicasyempresariales.ucm.es>

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