

**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 *
Bachelor Thesis	6
Total	260

\* Includes 12 ECTS for Internships.

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

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

Year Three	ECTS
Econometrics	6
Economic Policy	6
International Economic Organization	6
Macroeconomics III	8
Microeconomics III	6
Monetary and Financial Economics	6
Public Economics	6
Spanish Economy	6
Taxation	6
One Free Elective	4

Year Four	ECTS
Seven Electives from Itinerary	42
Three Free Electives or Internship	12
Bachelor Thesis	6



## Electives of Specialism

ECTS

### Specialism: Economic Analysis

Advanced Macroeconomics	6
Advanced Microeconomic Analysis	6
Applied Econometrics	6
Economic Growth Theory	6
Financial Theory	6
Game Theory and Optimization	6
Industrial Organization	6

### Specialism: Applied Economics

Applied Econometrics	6
Economic Growth	6
European Economics	6
Game Theory and Optimization	6
Industrial Economics	6
Innovation Economics	6
Regional Economics	6

### Specialism: Monetary and Financial Economics

Advanced Macroeconomics	6
Applied Econometrics	6
Financial Theory I	6
Financial Theory II	6
Game Theory and Optimization	6
Monetary Economics. Theory and Policy	6
Spanish and Comparative Financial System	6

### Specialism: World Economics

Advanced International Economics	6
Advanced Macroeconomics	6
Applied Econometrics	6
Development Economics	6
European Union Economics	6
International Trade and Finance	6
World Political Economics	6

### Specialism: Public Economics

Advanced Microeconomic Analysis: Taxation Economics	6
Applied Econometrics	6
Company Taxation	6
Economics of Public Spending	6
Fiscal Federalism	6
Game Theory and Optimization	6
Public Management	6

## Free Electives

ECTS

Commercial Research	4
Contemporary Economics in Historical Perspective	4
Economics and Gender	4
Economics of Natural Resources	4
Economics of Regulation	4
History of Economic Thought	4
International Finance	4
Principles of Marketing	4
Sociology and Social Structure	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.



UNIVERSIDAD  
**COMPLUTENSE**  
MADRID

Grados UCM



## **Faculty of Economics and Business**

Campus Somosaguas

<http://economicasyempresariales.ucm.es>

For further information: [www.ucm.es/estudios/grado-economia](http://www.ucm.es/estudios/grado-economia)  
January 2021. Contents of this brochure is subject to changes

[www.ucm.es](http://www.ucm.es)

