

**Microeconomics**

Code: 102119  
ECTS Credits: 6

**2025/2026**

| Degree                              | Type | Year |
|-------------------------------------|------|------|
| Accounting and Finances             | FB   | 2    |
| Business and Information Technology | OB   | 2    |

## Contact

Name: Amedeo Stefano Edoardo Piolatto

Email: amedeo.piolatto@uab.cat

## Teachers

Javier Fernandez Blanco

## Teaching groups languages

You can view this information at the [end](#) of this document.

## Prerequisites

It is recommended to have passed the subjects:

Introduction to Economics

Mathematics I

Mathematics II

## Objectives and Contextualisation

The objective of the subject is to understand the basic concepts and tools of microeconomic analysis and become

the consequences of the lack of competition between companies, the effects of price regulation, or the effects of

The following topics are discussed, among others:

Consumer Theory

Preferences and Utility

Consumption and Demand

Theory of Production

Markets (competitive and monopolistic)

Equilibrium with and without government intervention

Welfare analysis

## **Learning Outcomes**

1. CM01 (Competence) Identify the social, economic, technological and environmental implications of academic-professional activities in the field of knowledge.
2. CM02 (Competence) Evaluate the main inequalities and discrimination based on sex/gender present in society.
3. CM15 (Competence) Identify the social, economic, technological and environmental implications of academic-professional activities in the field of knowledge.
4. KM01 (Knowledge) Describe earnings from trade and exchange.
5. KM02 (Knowledge) Identify the forces that govern demand and supply.
6. KM03 (Knowledge) Differentiate equilibrium effects in regimes (markets) other than competition.
7. KM04 (Knowledge) Identify the constituent elements of technology and costs.
8. KM05 (Knowledge) Detail the main economic indicators and their components, justifying their calculation and use.
9. KM06 (Knowledge) Identify the aspects that affect economic growth.
10. KM07 (Knowledge) Relate the effects of disruptions of demand and supply in closed and open economies.
11. KM08 (Knowledge) Describe earnings from trade and exchange.
12. KM08 (Knowledge) Describe the relationship between unemployment and inflation.
13. KM09 (Knowledge) Describe the most remarkable technological, organisational and spatial aspects of revolutions in the field of production, emphasising organisational changes in business.
14. KM09 (Knowledge) Identify the forces that govern supply and demand.
15. KM10 (Knowledge) Differentiate between equilibrium effects in different competition regimes (markets).
16. KM11 (Knowledge) Identify the elements comprising technology and costs.
17. KM12 (Knowledge) Detail the main economic indicators and their components, justifying their calculation and use.
18. KM13 (Knowledge) Identify the aspects affecting economic growth.
19. KM14 (Knowledge) Relate the effects of supply and demand disturbances on closed and open economies.
20. KM15 (Knowledge) Describe the relationship between unemployment and inflation.

21. SM01 (Skill) Identify the dynamic aspects of economic activity, taking as a reference the main phases of contemporary economic growth, and the main factors that have conditioned it.
22. SM02 (Skill) Analyse the explanatory capacity of different theoretical models of economics, in relation to their initial assumptions, taking as reference different historical cases.
23. SM08 (Skill) Identify the dynamic aspects of economic activity, taking as a reference the main phases of contemporary economic growth and the main conditioning factors.

## Content

Topic I: Consumer Theory

- I.1 Preferences, Indifference curves and utility functions
- I.2 The budget constraint
- I.3 Optimal Choice
- I.4 Typology of goods: response to changes in income and prices
- I.5 Income and Substitution Effects

Topic II: Production Theory

- II.1 Technology and production factors
- II.2 Profit maximisation
- II.3 Cost minimisation

Topic III: Competitive Markets

- III.1 Aggregate demand and supply
- III.2 Consumer and producer surplus
- III.3 Market equilibrium
- III.4 The efficiency of competitive markets
- III.5 Comparative statics: the burden of taxes

Topic IV: Non-Competitive Markets

- IV.1 Profit maximization
- IV.2 Causes, efficiency and regulation of monopolies
- IV.3 Price discrimination
- IV.4 Oligopoly: equilibrium notions

Topic V. The Pure Exchange General Equilibrium Model

- V.1 The Edgeworth Box
- V.2 Efficient assignments in the Pareto sense
- V.3 Walrasian equilibrium

## Activities and Methodology

| Title   | Hours | ECTS | Learning Outcomes  |
|---|-------|------|--|
| Type: Directed  |       |      |  |
| Exercises and group discussion                              | 17    | 0.68 | CM01, CM02, CM15, KM01, KM02, KM03, KM04, KM05, KM06, KM07, KM08, KM09, KM10, KM11, KM12, KM13, KM14, KM15, SM01, SM02, SM08, CM01 |
| General lectures  | 32.5  | 1.3  | CM01, CM02, CM15, KM01, KM02, KM03, KM04, KM05, KM06, KM07, KM08, KM09, KM10, KM11, KM12, KM13, KM14, KM15, SM01, SM02, SM08, CM01 |
| Type: Supervised  |       |      |  |
| Office hours advising                                       | 15    | 0.6  | CM01, CM02, CM15, KM01, KM02, KM03, KM04, KM05, KM06, KM07, KM08, KM09, KM10, KM11, KM12, KM13, KM14, KM15, SM01, SM02, SM08, CM01 |
| Type: Autonomous  |       |      |  |
| Reading of texts and materials                              | 15.5  | 0.62 | CM01, CM02, CM15, KM01, KM02, KM03, KM04, KM05, KM06, KM07, KM08, KM09, KM10, KM11, KM12, KM13, KM14, KM15, SM01, SM02, SM08, CM01 |
| Studying, preparation and discussion of cases and exercises | 65    | 2.6  | CM01, CM02, CM15, KM01, KM02, KM03, KM04, KM05, KM06, KM07, KM08, KM09, KM10, KM11, KM12, KM13, KM14, KM15, SM01, SM02, SM08, CM01 |

Annotation: Within the schedule set by the centre or degree programme, 15 minutes of one class will be reserved for students to evaluate their lecturers and their courses or modules through questionnaires.

## Assessment

### Continuous Assessment Activities

| Title                       | Weighting | Hours | ECTS | Learning Outcomes  |
|-----------------------------|-----------|-------|------|--|
| Evaluation along the course | 20%       | 1.5   | 0.06 | CM01, CM02, CM15, KM01, KM02, KM03, KM04, KM05, KM06, KM07, KM08, KM09, KM10, KM11, KM12, KM13, KM14, KM15, SM01, SM02, SM08 |
| Final examination           | 50%       | 2     | 0.08 | CM01, CM02, CM15, KM01, KM02, KM03, KM04, KM05, KM06, KM07, KM08, KM09, KM10, KM11, KM12, KM13, KM14, KM15, SM01, SM02, SM08 |
| Midterm                     | 30%       | 1.5   | 0.06 | CM01, CM02, CM15, KM01, KM02, KM03, KM04, KM05, KM06, KM07,  |

This subject/module does not offer the option for comprehensive evaluation.

#### Evaluation process

The evaluation process will consist of a final examination with a weight of 50% and, at least, two additional evaluation activities. At least part of any of the three (or more) evaluation activities must be of the written-exam type and at least part of any of the three (or more) evaluation activities must be multiple-choice type. A student that takes part in any of the evaluation activities and turns in the activity for grading cannot be considered for a "Non Evaluable" status.

#### Schedule of evaluation activities

The dates of the different evaluation activities will be announced well in advance during the semester. The date of the final exam is scheduled in the examination calendar of the Faculty. "The dates of evaluation activities cannot be modified unless there is an exceptional and duly justified reason why an evaluation activity cannot be carried out. In this case, the degree coordinator will contact both the teaching staff and the affected student, and a new date will be scheduled within the same academic period to make up for the missed evaluation activity." Section 1 of Article 115. Calendar of evaluation activities (Academic Regulations UAB). Students of the Faculty of Economics and Business, who in accordance with the previous paragraph need to change an evaluation activity date must process the request by filling out an Application for exams' reschedule

[https://eformularis.uab.cat/group/deganat\\_feie/application-for-exams-reschedule](https://eformularis.uab.cat/group/deganat_feie/application-for-exams-reschedule)

The teaching faculty will select the type of evaluation activity most suitable and efficient for the individual reprogrammed evaluation activity, including oral examinations.

#### Grade revision process

After all grading activities have ended, students will be informed of the date and way in which the course grades will be published. Students will be also informed of the procedure, place, date and time of grade revision following University regulations.

#### Retake Process

"To be eligible to participate in the retake process, it is required for students to have been previously evaluated for at least two-thirds of the total evaluation activities of the subject." Section 3 of Article 112 ter. The recovery (UAB Academic Regulations).

Additionally, for a student to participate in the retake process, it is required that he or she have achieved an average grade in the subject between 3.5 and 4.8. The date of the retake exam will be posted in the calendar of evaluation activities of the Faculty. Students who take this exam and pass will get a grade of 5 for the subject. If the student does not pass the retake, the grade will remain unchanged, and hence, the student will fail the course. The grading of the retake examination will be qualitative, with two possible results: "pass" or "no pass". If the grade is "pass", the grade will be equal to 5. If the grade is "no pass", the student will not pass the subject and his final grade will be the existing grade prior to the retake examination.

#### Irregularities in evaluation activities

On top of any other disciplinary measures deemed appropriate, and in accordance with current academic regulations, "in the case that the student makes any irregularity that could lead to a significant variation in the grade of an evaluation activity, it will be graded with a 0, regardless of the disciplinary process that can be instructed. In case of various irregularities occur in the evaluation of the same subject, the final grade of this subject will be 0". Section 10 of Article 116. Results of the evaluation. (UAB Academic Regulations).

#### Standards of behaviour

Aside from any other disciplinary measures that may be considered adequate, and in line with the current academic rules, the professor may reduce the average grade obtained in the "additional evaluation activities" by up to 2 points out of 10 for any student who repeatedly does not follow the rules of behaviour in class. The professor will announce these rules at the beginning of the course.

The use of AI and similar is prohibited.

## Bibliography

Varian, H.: Microeconomía Intermedia: Un enfoque actual. Antoni Bosch, Barcelona. (Or the original english version)

## Software

There is no need for any special software.

## Groups and Languages

Please note that this information is provisional until 30 November 2025. You can check it through this [link](#). To consult the language you will need to enter the CODE of the subject.

| Name                       | Group | Language        | Semester       | Turn          |
|----------------------------|-------|-----------------|----------------|---------------|
| (PAUL) Classroom practices | 101   | Catalan/Spanish | first semester | morning-mixed |
| (PAUL) Classroom practices | 201   | Catalan/Spanish | first semester | morning-mixed |
| (PAUL) Classroom practices | 501   | Catalan/Spanish | first semester | afternoon     |
| (TE) Theory                | 10    | Catalan/Spanish | first semester | morning-mixed |
| (TE) Theory                | 20    | Catalan/Spanish | first semester | morning-mixed |
| (TE) Theory                | 50    | Catalan/Spanish | first semester | afternoon     |