

Microeconomics II

Code: 102336
ECTS Credits: 6

2024/2025

Degree	Type	Year
2501572 Business Administration and Management	OB	2
2501573 Economics	OB	2

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Teachers

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Teaching groups languages

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

Prerequisites

It is recommended that students have already passed the following courses:

Introduction to Economics

Mathematics I and II

Microeconomics I

Objectives and Contextualisation

The aim of this course is to understand the basic tools of microeconomic analysis and to become able to apply them.

The topics that will be covered include:

Markets (competitive and monopolistic), equilibrium, welfare analysis.

Competences

Economics

- Apply mathematical instruments to synthesise complex economic-business situations.
- Capacity for adapting to changing environments.
- Capacity for independent learning in the future, gaining more profound knowledge of previous areas or learning new topics.
- Demonstrate initiative and work individually when the situation requires it.
- Identify the forces that govern demand and supply.
- Identify the processes that govern the operation of markets in different competition systems, different scenarios of interrelationship and different timescales.
- Organise the work in terms of good time management, organisation and planning.
- Select and generate the information necessary for each problem, analyse it and take decisions based on that information.
- Show motivation for carrying out quality work and sensitivity to the consequences for the environment and society.
- Students must be capable of applying their knowledge to their work or vocation in a professional way and they should have building arguments and problem resolution skills within their area of study.
- Students must be capable of collecting and interpreting relevant data (usually within their area of study) in order to make statements that reflect social, scientific or ethical relevant issues.
- Students must be capable of communicating information, ideas, problems and solutions to both specialised and non-specialised audiences.
- Students must develop the necessary learning skills in order to undertake further training with a high degree of autonomy.
- Students must have and understand knowledge of an area of study built on the basis of general secondary education, and while it relies on some advanced textbooks it also includes some aspects coming from the forefront of its field of study.
- Work well in a team, being able to argue proposals and validate or reject the arguments of others in a reasoned manner.

Learning Outcomes

1. A capacity of oral and written communication in Catalan, Spanish and English, which allows them to summarise and present the work conducted both orally and in writing.
2. Analyze the determinants of demand.
3. Analyze the determinants of supply.
4. Capacity to adapt to changing environments.
5. Capacity to continue future learning independently, acquiring further knowledge and exploring new areas of knowledge.
6. Demonstrate initiative and work independently when required.
7. Demonstrate motivation regarding the quality of the work performed and sensitivity regarding the consequences on the environment and society.
8. Differentiate between different market structures and analyze their effects on sales and corporate profits and consumer welfare.
9. Differentiate the effects of balance in perfect and imperfect competition.
10. Formulate and solve problems of general equilibrium and recognize interdependencies chains.
11. Identify market failures and define the corrective mechanisms of public intervention.
12. Organise work, in terms of good time management and organisation and planning.
13. Recognize the role of uncertainty in the decision making of consumers and businesses.
14. Select and generate the information needed for each problem, analyse it and make decisions based on this information.
15. Solve balances and interpret its meaning.
16. Students must be capable of applying their knowledge to their work or vocation in a professional way and they should have building arguments and problem resolution skills within their area of study.
17. Students must be capable of collecting and interpreting relevant data (usually within their area of study) in order to make statements that reflect social, scientific or ethical relevant issues.

18. Students must be capable of communicating information, ideas, problems and solutions to both specialised and non-specialised audiences.
19. Students must develop the necessary learning skills in order to undertake further training with a high degree of autonomy.
20. Students must have and understand knowledge of an area of study built on the basis of general secondary education, and while it relies on some advanced textbooks it also includes some aspects coming from the forefront of its field of study.
21. Weigh the impact of public sector on the activity of enterprises and consumers.
22. Work as part of a team and be able to argue own proposals and validate or refuse the arguments of others in a reasonable manner.

Content

MICROECONOMICS II SYLLABUS

Note: In each topic we indicate the corresponding chapter of the book "Intermediate Microeconomics", 9th edition, see Bibliography,

Topic I: Cost curves (chap. 22)

Exclude the following sections: Example: The marginal curves of two factories; Cost curves in Internet auctions; Discrete values in plant size.

Theme II: Competitive markets

II.1 The maximization of profit: the input demand functions and the supply function (chap. 20)

II.2 Profit Maximization and Cost Functions (Chap. 23)

II.3 Aggregate demand and supply and elasticities (chap. 15; chap. 24)

II.4 The equilibrium in the competitive market (chap. 16.1 to 16.5)

II.5 Consumer and producer surplus (chap. 14.1 to 14.7; 14.9 to 14.11)

II.6 The efficiency of the competitive market and the distorting role of taxes (chap. 16.6 to 16.9)

Topic III: Non-competitive markets: Monopoly

III.1 The maximization of profit (chap. 25)

III.2 Causes, efficiency and regulation of monopolies (chap. 25)

III.3 Price discrimination (chap. 26.1 to 26.4)

Include simple numerical examples of price discrimination with two types of consumers and two units per consumer (not in Varian).

Exclude section Two-part tariffs.

Theme IV: Imperfectly Competitive Markets: Oligopoly and Strategic Interactions

IV.1 The Cournot equilibrium (ch. 28)

IV.2 The Stackelberg equilibrium (ch. 28)

IV.3 Price competition and the Bertrand paradox (chap. 28.6)

Topic V. The general equilibrium model of pure exchange

V.1 Edgeworth box and the Walrasian equilibrium (ch. 32)

V.2 Efficient allocations in the Pareto sense and the two fundamental theorems of welfare economics (chap. 32)

Topic VI. Notions of the economics of information

VI. 1 Adverse selection and signaling (chap. 38.1 to 38.3, and 38.6)

VI.2 Moral hazard (chap. 38.4, 38.5 and 38.7)

Activities and Methodology

Title	Hours	ECTS	Learning Outcomes
Type: Directed			
Exercises and group discussion	17	0.68	
Lectures	32.5	1.3	
Type: Supervised			
Tutorials	5	0.2	
Type: Autonomous			
Study, preparation and discussion of exercises	77.5	3.1	
Text reading	13	0.52	

- For the groups taught in the 2nd semester(all except group 60 of ADE + Law)
 - Teaching will be on campus.
 - All the teaching material will be available exclusively in digital format in the Moodle classroom of the course
 - The teaching methodology proposed may undergo some modification depending on the restrictions on attendance that the health authorities impose.
- For group 60 (ADE + Law), which is taught in the 1st semester
 - Teaching will be offered on campus.
 - All teaching material will be available exclusively in digital format in the Moodle classroom of the course.
 - The proposed teaching methodology may undergo some modifications according to the restrictions imposed by the health authorities on on-campus courses.

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
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Final Exam	50 %	2	0.08	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22
Other evaluation exercises	15 %	1.5	0.06	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 14, 15, 16, 17, 18, 19, 20, 21, 22
Partial examination	35 %	1.5	0.06	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22

Evaluation process

1. Continuous evaluation

The evaluation process will consist of a final examination with a weight of 50%, a partial examination, with a weight of 35% and, at least, an additional evaluation activity. 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 on any of the evaluation activities and turns in the activity for grading cannot be considered for a "Not Evaluable" status.

Calendar of evaluation activities

The dates of the evaluation activities (midterm exams, exercises in the classroom, assignments, ...) will be announced well in advance during the semester.

The date of the final exam is scheduled in the assessment 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 264. 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: [e-Formulari per a la reprogramació de proves](#).

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 be 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 been evaluated for at least two thirds of the total evaluation activities of the subject." Section 2 of Article 261. The recovery (UAB Academic Regulations). Additionally, it is required that the student to have achieved an average grade of the subject greater than or equal to 3.5 and less than 5.

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, 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

In spite of 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 11 of Article 266. Results of the evaluation. (UAB Academic Regulations).

Standards of behavior

Aside of any other disciplinary measures that are considered to be 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 to any student who repeatedly does not follow the rules of behavior in class. The professor will announce these rules at the beginning of the course.

2 Comprehensive evaluation:

2.1 COMPREHENSIVE EVALUATION (Art. 265 of the UAB Academic Regulations)

By requesting the comprehensive evaluation the student waives the option of continuous evaluation.

The comprehensive evaluation must be requested at the Academic Management (Gestió acadèmica) of the Campus where the degree/master's degree is taught. The request must be filed according to the procedure and the deadline established by the administrative calendar of the Faculty of Economics and Business.

Attendance :

- *Student attendance is mandatory on the day of the comprehensive assessment. The date will be the same as that of the final exam of the semester as per the evaluation calendar published by the Faculty of Economics and Business and approved by the Faculty's Teaching and Academic Affairs Committee. The duration of the comprehensive assessment must be specified in the characteristics of such activity.*
- *100% of the evaluation evidences must be handed in by the student on the day of the comprehensive assessment.*
- *The evaluation evidences carried out in person by the student on the same day of the comprehensive assessment must have a minimum weight of 70%.*

The following information referring to the characteristics of the comprehensive assessment must be included. We suggest incorporating the following table:

<i>Evidence Type (1)</i>	<i>Weight in the final assessment (%) (2)</i>	<i>Duration of the activity</i>	<i>Is the activity that corresponds to this evaluation evidence to be carried out in person on the date scheduled for the comprehensive evaluation? (YES/NO) (3)</i>
<i>EXAM</i>	<i>100%</i>		
<i>TOTAL</i>	<i>100%</i>		

(1) Descriptive title of each piece of evidence (exam, problem sets solving, case analysis, activity carried out using specific software that the student is expected to know,...)

(2) Weight of the evidence in the final mark of the subject (specify the percentages of each evaluation evidence that the student must undertake)

(3) For each piece of evidence: Is the activity that corresponds to this evaluation evidence to be carried out in person on the date scheduled for the comprehensive evaluation? (YES/NO)

2.2 RETAKE PROCEDURE :

For the retake procedure, no distinction is made between students who have followed the continuous evaluation and those who have opted for the comprehensive evaluation. All will be re-assessed using the same test or evaluation evidence.

2.3 REVIEW OF THE FINAL QUALIFICATION:

The review of the final qualification will follow the same procedure as for the continuous evaluation

Bibliography

Varian, H.. *Intermediate microeconomics: a modern approach*, W.W. Norton and Company Inc. , 9th edition.

Software

There is no need for any particular software.

Language list

Name	Group	Language	Semester	Turn
(PAUL) Classroom practices	1	Catalan	second semester	morning-mixed
(PAUL) Classroom practices	2	Catalan	second semester	morning-mixed
(PAUL) Classroom practices	4	English	second semester	morning-mixed
(PAUL) Classroom practices	8	English	second semester	morning-mixed
(PAUL) Classroom practices	51	Catalan	second semester	afternoon
(PAUL) Classroom practices	52	Catalan	second semester	afternoon
(PAUL) Classroom practices	60	Spanish	first semester	morning-mixed
(TE) Theory	1	Catalan	second semester	morning-mixed
(TE) Theory	2	Catalan	second semester	morning-mixed
(TE) Theory	4	English	second semester	morning-mixed

(TE) Theory	8	English	second semester	morning-mixed
(TE) Theory	51	Catalan	second semester	afternoon
(TE) Theory	52	Catalan	second semester	morning-mixed
(TE) Theory	60	Spanish	first semester	morning-mixed