

Microeconomics

Code: 102119
ECTS Credits: 6

Degree	Type	Year	Semester
2501231 Accounting and Finances	FB	2	1
2501232 Business and Information Technology	OB	2	1

Contact

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Use of Languages

Principal working language: catalan (cat)
Some groups entirely in English: No
Some groups entirely in Catalan: Yes
Some groups entirely in Spanish: Yes

Other comments on languages

Groups 10 and 50 in Spanish; Group 20 in Catalan

Teachers

Aleix Gregori Gomis

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

Competences

Accounting and Finances

- Analysing, summarising and assessing information.
- Efficiently searching information, discriminating irrelevant information.
- Working effectively in teams.

Business and Information Technology

- Demonstrating a comprehension of the principles of economy and main theories and models in order to explain the economic behaviour on a microeconomic and macroeconomic level.

Learning Outcomes

1. Analysing in depth the determinants of the demand and the supply.
2. Analysing, summarising and assessing information.
3. Assessing the effect of the public sector on the activity of companies and consumers.
4. Associating the technological structure of a company with the cost structure, and describing the translation processes.
5. Differentiating the balance effects in perfect and imperfect competition.
6. Efficiently searching information, discriminating irrelevant information.
7. Identifying the processes governing the functioning of markets in different regimes of competence and in different interrelation scenarios.
8. Solving balances and interpreting its meaning.
9. Working effectively in teams.

Content

Topic I: Consumer Theory

I.1 Preferences, Indifference curves and utility functions

I.2 The budget constraint

I.3 Optimal Choice

1.4 Typology of goods: response to changes in income and prices

1.5 Income and Substitution Effects

Topic II: Production Theory

II.1 Technology and production factors

II.2 Profit maximization

II.3 Cost minimization

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

V.4 The fundamental theorems of welfare economics

Methodology

Teaching will be offered on campus or in an on-campus and remote hybrid format depending on the number of students per group and the size of the rooms at 50% capacity.

- Part-time teaching (50%) means that there will be groups in which half of the students will attend the Faculty on alternate weeks.
- In this case, the face-to-face classes will focus primarily on problem solving.
- 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.

Activities

Title	Hours	ECTS	Learning Outcomes
Type: Directed			
Exercises and group discussion	17	0.68	2, 9
General lectures	32.5	1.3	4, 5, 7, 3, 8
Type: Supervised			
Office hours advising	15	0.6	
Type: Autonomous			
Reading of texts and materials	15.5	0.62	2, 6
Studying, preparation and discussion of cases and exercises	65	2.6	2, 6

Assessment

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 on 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

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 been 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 to have achieved an average grade of the subject between 3.5 and 4.9. 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

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 behavior

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 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.

The proposed evaluation activities may undergo some changes according to the restrictions imposed by the health authorities on on-campus courses.

Assessment Activities

Title	Weighting	Hours	ECTS	Learning Outcomes
Evaluation along the course	20%	1.5	0.06	1, 2, 4, 6, 5, 7, 3, 8, 9
Final examination	50%	2	0.08	2, 6
Midterm	30%	1.5	0.06	1, 4, 5, 7, 3, 8

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.