

27307 - Microeconomics

Información del Plan Docente

Academic Year	2018/19
Subject	27307 - Microeconomics
Faculty / School	109 - Facultad de Economía y Empresa 228 - Facultad de Empresa y Gestión Pública 301 - Facultad de Ciencias Sociales y Humanas
Degree	454 - Degree in Business Administration and Management 448 - Degree in Business Administration and Management 458 - Degree in Business Administration and Management
ECTS	6.0
Year	1
Semester	Half-yearly
Subject Type	Basic Education

Module

1.General information

1.1.Aims of the course

The subject and its expected results respond to the following approaches and objectives:

Microeconomics I, together with Microeconomics II, offer a global vision of the basic knowledge of microeconomic theory that every graduate should have acquired.

Microeconomics I begins with a description of the market and the interactions between supply and demand. Then, both sides of the market are individually studied in detail. Thus, the behaviors of the consumer and the producer are analyzed, leading to the definition of the demand function and the supply function, respectively.

1.2.Context and importance of this course in the degree

The subject belongs to the module "Fundamentals of Economic Analysis and Instruments" and to the subject "Economic Theory".

Microeconomics I is part of a full course of intermediate microeconomics. In consequence, its contents are fundamental for the student, providing the necessary elements to study basic economic institutions from the perspective of economic analysis. The course belongs to the module "Fundamentals of Economic Analysis and Instruments" and to the field "Economic Theory".

1.3.Recommendations to take this course

In order to have an optimum understanding of the course, a previous basic knowledge of Economics and Mathematics is recommended.

2. Learning goals

2.1. Competences

- To evaluate the situation and the previous evolution of companies and organizations, and to be able to acquire the relevant knowledge for taking informed decisions successfully.
- To produce assessments of particular market situations, sectors, organizations, companies and their functional areas
- To understand and apply professional criteria and scientific standards to the solution of economic, business and organizational problems.
- To be able to solve problems.
- To be able to analyse and synthesize.
- To be able to apply knowledge in practice.

2.2. Learning goals

Show adequate understanding of the methodology in Economic Analysis as well as its aims and scope, identifying its main components: economic agents, models, variables and data.

Correctly use the basic terminology of an economist in describing topics in the field of Microeconomics

Correctly describe and interpret any decision problem of an economic agent, consumer or producer, using verbal reasoning, graphic representations and mathematical analysis (calculus and basic algebra).

Model formally any non-dynamic decision problem of an individual economic agent as a conditional optimization problem, identifying the relevant endogenous and exogenous variables, obtaining a quantitative solution (behaviour equations), and explaining how the solution could change when the economic environment changes (comparative statics).

Reasonably predict the result and determinants of the interaction of numerous economic agents in competitive markets in the short-term, and to describe the resulting equilibria and disequilibria with adequate verbal, graphical and mathematical tools

Carry out normative analysis and economic policy recommendations

Learn autonomously and produce written reports according to the established guidelines.

2.3. Importance of learning goals

1. Allow the student to design and resolve economic problems according to the appropriate economic methods.
2. Provide the necessary analytical tools to understand economic reality accurately and rigorously.

3. Assessment (1st and 2nd call)

3.1. Assessment tasks (description of tasks, marking system and assessment criteria)

27307 - Microeconomics

The student will prove that he/she has achieved the expected learning results by means of the following assessment tasks:

A final global exam that evaluates the knowledge of microeconomics encompassed in the course program. This exam will be in two sections, a theory/practical section and a section of practical exercises.

Completion of two voluntary tests, which will take place during class time and will evaluate both the theoretical and practical parts of the chapters.

Evaluation and grading criteria Evaluation criteria:

The student will:

- * Know and understand the concepts contained in the course.
- * Apply the techniques of Economic Analysis correctly.
- * Select important information and interpret it appropriately.
- * Express his/her reasoning in a clear and orderly manner. Marking:

The final mark is obtained as the highest of the following:

1. The mark achieved in the final exam after the teaching period.
2. The figure resulting from weighting the average mark of the two voluntary tests (40%) with the mark of the final exam after the teaching period (60%).

4. Methodology, learning tasks, syllabus and resources

4.1. Methodological overview

The methodology followed in this course is oriented towards the achievement of the learning objectives. A wide range of teaching and learning tasks are implemented, such as lectures, practice sessions, tutorials and seminars.

4.2. Learning tasks

This 6 ECTS (150 hours) course is organized as follows:

- **Lectures** (1.2 ECTS). Which consist on class attendance and participative problem-solving. Students must supplement the explanations with the recommended reading.
- **Practice sessions** (1.2 ECTS). Students will solve practical exercises and case studies, always under the supervision of the professor. This will be done in smaller groups to facilitate the participation of each student.
- **Tutorials and seminars** (0.6 ECTS). Tutorials during office hours and complementary activities
- **Autonomous work and study** (3 ECTS). Solution of exercises. Use of ITCs. Preparation of assignments and exams.

4.3. Syllabus

This course will address the following topics:

Section I: Introduction

- **Topic 1. Concept and scope of the Economy**
 1. Economics as a social science
 2. Method in economic science
 3. Topics in Microeconomics
 4. Organization of economic activity
- **Topic 2. Demand, supply and market mechanics**
 1. Market demand
 2. Market supply
 3. Equilibrium in the competitive market
 4. Elasticities of demand and supply

Section II: Theory of Consumption

- **Topic 3. Preferences, utility and budget constraint**
 1. The budget set and preferences
 2. The utility function
 3. The marginal rate of substitution
 4. The budget constraint
- **Topic 4. Consumer choice**
 1. Consumer equilibrium
 2. Individual demand function
 3. Demand curves and the Engel curve
 4. Price elasticities and income elasticities
 5. Classification of goods and demand
- **Topic 5. The function of the individual and market demands**
 1. Substitution effect and income effect
 2. Consumer surplus
 3. From the individual function to the market function

Section III: Theory of Production

- **Topic 6. Production**
 1. The production set and the production function
 2. The marginal rate of technical substitution
 3. Returns to scale
 4. Marginal, average and total productivity
- **Topic 7. Minimizing costs and maximizing benefit**
 1. Cost minimization
 2. Conditioned demand of inputs
 3. Cost functions
 4. Long-run and short-run costs
 5. Marginal income, marginal costs and profit maximization

4.4.Course planning and calendar

This course is offered during the second semester, which runs between February and June.

Dates of the midterm exams will be announced in each group.

Further information concerning the timetable, classroom, office hours, assessment dates and other details regarding this

27307 - Microeconomics

course, will be provided on the first day of class or please refer to the Moodle website (<https://moddle2.unizar.es>); Academic calendar website (<https://academico.unizar.es/calendario-academico/calendario>); or the website of your corresponding faculty (Zaragoza: <https://econz.unizar.es/>, Huesca: <http://fegp.unizar.es/>, Teruel: <http://fcsh.unizar.es/>).

4.5. Bibliography and recommended resources