

COURSE GUIDE

Microeconomics 1

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Grado (Bachelor's Degree)	Bachelor's Degree in Economics	Branch	Social and Legal Sciences
Module	Formación Básica	Subject	Economía
Year of study	1 ^o	Semester	2 ^o
		ECTS Credits	6
		Course type	Core course

PREREQUISITES AND RECOMMENDATIONS

- Students should have appropriate skills on basic mathematical analysis: representation of functions, solving equations with one/two unknowns, partial derivatives, optimization subject to equality constraints.

BRIEF DESCRIPTION OF COURSE CONTENT (According to the programme's verification report)

- Consumer Choice
- Production and Costs
- Equilibrium: product market, factor market and general equilibrium.

SKILLS

GENERAL SKILLS

- CG01 - Destrezas en manejar ideas y el entorno en el que se desenvuelven
- CG02 - Habilidad de comprensión cognitiva
- CG03 - Capacidad de análisis y síntesis
- CG05 - Habilidad de comunicación oral y escrita en lengua castellana
- CG07 - Capacidad para gestionar la información
- CG08 - Capacidad para la resolución de problemas
- CG10 - Destreza para el trabajo en equipo
- CG11 - Capacidad de trabajo en un equipo de carácter interdisciplinar
- CG13 - Habilidades en las relaciones interpersonales
- CG16 - Capacidad de razonamiento crítico y autocrítico
- CG17 - Capacidad de aprendizaje y trabajo autónomo
- CG24 - Capacidad de aplicar los conocimientos en la práctica
- CG25 - Habilidad en la búsqueda de información e investigación

SUBJECT-SPECIFIC SKILLS



- CE15 - Conocer y aplicar los conceptos básicos de Economía
- CE16 - Conocer y aplicar los conceptos básicos de Microeconomía
- CE17 - Identificar y anticipar problemas económicos relevantes en relación con la asignación de recursos en general, tanto en el ámbito privado como en el público
- CE18 - Conocer los criterios de elección económica de los agentes, el papel económico del Estado, el ciclo económico y las políticas para estabilizarlo
- CE19 - Entender que, además de la habilidad para derivar y demostrar las proposiciones lógicas o matemáticas, debe utilizarse la intuición, que ayudará a decidir qué teorías o proposiciones pueden aplicarse en un determinado contexto
- CE20 - Conocer y aplicar los conceptos básicos de Macroeconomía
- CE21 - Utilizar herramientas básicas de naturaleza cuantitativa para el diagnóstico y análisis económico
- CE22 - Aportar racionalidad al análisis y a la descripción de cualquier aspecto de la realidad económica
- CE23 - Evaluar consecuencias de distintas alternativas de acción y seleccionar las mejores dados los objetivos
- CE24 - Entender las instituciones económicas como resultado y aplicación de representaciones teóricas o formales acerca de cómo funciona la economía

TRANSFERABLE SKILLS

- CT02 - Conocer, comprender y aplicar los distintos modelos económicos para aportar racionalidad al análisis y a la descripción de cualquier aspecto de la realidad y ser capaz de conocer los criterios de elección económica de los distintos agentes que conforman la sociedad

LEARNING OUTCOMES

- The purpose of this course is to provide basic concepts, objectives and instruments of Microeconomics: concept of preferences and utility function, budget constraint, optimal choice, firm technology and supply function.
- Students will be able to understand the concept of consumer demand and compute it for different utility functions. At the same time, they will be able to calculate the supply function for different technologies.
- Additionally, students will estimate the changes in the consumer demand caused by changes in the prices of the goods and/or in the income of the agent.

PLANNED LEARNING ACTIVITIES

THEORY SYLLABUS

- BLOCK I: CONSUMER BEHAVIOUR
 - Lesson 1: Consumer preferences
 - Preferences. Cases.
 - Indifference Curves.
 - Types of Preferences.
 - Lesson 2: Utility Function.
 - Definition.
 - Marginal Utility and Marginal Rate of Substitution.



- Examples of Utility Functions.
- Lesson 3: Budget Constraint
 - Budget Line and Budget Set.
 - Budget Line: Variations.
- Lesson 4: Consumer Choice
 - Optimal Choice.
 - Consumer Demand.
 - Examples of Demand Function.
- BLOCK II: DEMAND
 - Lesson 5: Comparative Statics
 - Variation in Income. Variation in the Price.
 - Variation in other goods prices.
 - Examples by types of preferences.
 - Lesson 6: Slutsky Equation.
 - Substitution Effect. Income Effect..
 - Total change in Demand.
 - Substitution Effect: Hicks.
 - Lesson 7: Market Demand
 - From Individual Demand to Market Demand.
 - Sentitivity Indicators.
 - Consumer Surplus.
- BLOCK III: THEORY OF THE FIRM
 - Lesson 8: Technology and Production
 - Technology and Production.
 - Returns to Scale.
 - Lesson 9: Firm's Choice
 - Profit Maximization.
 - Cost Minimization.
 - Lesson 10: Cost Curve.
 - Long-Run Average Cost Curve.
 - Cost Function and Return to Scale.
 - Short Run Average Cost Curve.
 - Lesson 11: Market Supply
 - Competitive Firm's Supply.
 - Market Supply.

PRACTICAL SYLLABUS

- Seminars/Workshops
 - Lessons 1-4: Consumer Behaviour
 - Lessons 5-7: Demand
 - Lessons 8-11: Production

RECOMMENDED READING

ESSENTIAL READING

- Serrano, R. and Feldman, A.M. (2018), A Short Course in Intermediate Microeconomics with Calculus. Cambridge University Press.
- Varian, H. (2009), Intermediate Microeconomics: A Modern Approach. Norton & Company.



- Jiménez, N. y Molis, E. (2013), Microeconomía I, segunda edición, Editorial Técnica AVICAM (in Spanish).

COMPLEMENTARY READING

- Frank, R.H. (2008): Microeconomics and Behaviour, seventh edition, McGraw Hill.
- Miller R.L. and R.E. Meiners (1991), Microeconomics, McGraw-Hill.
- Pindyck R.S and Rubinfeld D.L. (1995): Microeconomics, Prentice-Hall.

RECOMMENDED LEARNING RESOURCES/TOOLS

<http://www.core-econ.org/>

TEACHING METHODS

- MD01 Docencia presencial en el aula
- MD02 Estudio individualizado del alumno, búsqueda, consulta y tratamiento de información, resolución de problemas y casos prácticos, y realización de trabajos y exposiciones.
- MD03 Tutorías individuales y/o colectivas y evaluación

ASSESSMENT METHODS (Instruments, criteria and percentages)

ORDINARY EXAMINATION DIET

- According to the Normativa de evaluación y de calificación de los estudiantes de la Universidad de Granada (last update approved on October 26, 2016), students' evaluation will be based on public and objective criteria and it will be primarily continuous.
- The evaluation will be structured as follows:
 - Final Exam, 70%. This exam will be taken into consideration as long as the student achieves, at least, 3 points over 10. Otherwise, the final grade will be exactly the score of the final exam. It will be a test. Incorrect answers will be penalized.
 - 30%: evaluation of each thematic block. At the end of the teaching sessions of each block, an individual exercise will be proposed. A total of 3 exercises, with a weight of 10% each one over the global grade.
- The Extraordinary Call Exam will consist in a unique test exam. Incorrect answers will be penalized. The final grade will be exactly the score of this exam.

EXTRAORDINARY EXAMINATION DIET

- According to Artículo 8 of the Normativa de Evaluación vigente, the student has the option to choose a unique final evaluation. The student will need to apply for this alternative in the first two weeks of the subject's teaching period (or in the first two weeks from his/her enrolment at the subject) and via procedimiento electrónico, to the head of the department, providing all reasons that justify the inadequacy of the continuous evaluation (labor, health, disability or any other plausible motive). Such



evaluation is understood as the one made in a unique academic act in order to prove that the student has achieved all competences aforementioned.

- It will consist in a unique test exam. Incorrect answers will be penalized. The final grade will be exactly the score of this exam.

SINGLE FINAL ASSESSMENT (evaluación única final)

- It will consist in a unique test exam. Incorrect answers will be penalized. The final grade will be exactly the score of this exam.

ADDITIONAL INFORMATION

- The department of Economic Theory and History, according to the Normativa para la atención al estudiantado con discapacidad y otras necesidades específicas de apoyo educativo (approved in 20th September, 2016), will encourage the right to education of those students with disabilities and other specific necessities of educative support. All necessary measures to ensure their effective inclusion will be adopted, warranting their right to an inclusive education, according to non-discrimination principles, equality of opportunities and universal access with the aim of developing their personal capacities as much as possible and, in general, to achieve the goals established for all students.
- Information contained in this course guide might be updated in case of unexpected events, normative changes or new guidelines adopted by health authorities, the University or the Faculty.

