

Degree	Type	Year
2500254 Geology	OT	3
2500254 Geology	OT	4

Contact

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Teaching groups languages

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

Prerequisites

It is not required prior knowledge of the economy.

Objectives and Contextualisation

This subject has as main objective, to present the basics concepts of economics and business, and an introduction to the management process and business decision-making.

Competences

Geology

- Describe the strategic process and business models.
- Draw up a strategic plan or a business plan.
- Evaluate and make decisions on matters of new business.
- Evaluate moral and ethical problems in research and acknowledge the need to follow professional codes of conduct.
- Identify, analyse and solve problems of management of businesses, persons and complex situations, from an interdisciplinary perspective.
- Learn and apply the knowledge acquired, and use it to solve problems.
- Show initiative and adapt to problems and new situations.
- Work independently.

Learning Outcomes

1. Describe the strategic process and business models.
2. Draw up a strategic plan or a business plan.
3. Evaluate and make decisions on matters of new business.
4. Identify, analyse and solve problems of management of businesses, persons and complex situations, from an interdisciplinary perspective.

5. Learn and apply the knowledge acquired, and use it to solve problems.
6. Perceive the impact and implications of decisions and activities in the business environment.
7. Show initiative and adapt to problems and new situations.
8. Work independently.

Content

1. Introduction to Economics

- What is meant by economics?
- Scarcity and the need to choose
- The Production Possibilities Frontier (PPF)
- What are the basic decisions of any economy?
- Economic reality: What is produced, how it is produced and for whom it is produced in Spain.
- Introduction to Macroeconomics and Microeconomics.
- Main schools of economic thought and their economic and social influence

2. Business Economics and Business Strategy.

2.1: Company and Transactions

- Definition of company.
- Organizational charts. Guys.
- Distinctive features of the companies: Organizational Unit, Carrying out of productive activities and Profit-making.
- Companies as "productive activities" (practical calculation exercise: productivity, production and sales volume).
- Productive activities and their financing: Introduction to Accounting (practical exercises).
- Companies from a legal point of view: mercantile companies.
- Main activity: Preparation of a Business or Company Plan

2.2: The price and the creation of value in financial transactions.

- Introduction to VAN and VFN. (examples and exercises).
- The simple and compound interest rate (examples and exercises).
- IRR (exercises).
- Activity: Practical exercise to relate concepts

2.3: Business decision making.

- Business strategy. (competitive, monopolistic and monopolistic competition markets)
- Game theory: within an oligopoly.

Additional activities:

- Read economic news and discuss it in groups.
- Realization of debates with subjects dealt with in class.

Activities and Methodology

Title	Hours	ECTS	Learning Outcomes
Type: Directed			
To be translated	16	0.64	1, 2, 3, 4, 6
to be translated	16	0.64	1, 2, 3, 4, 6
Type: Supervised			
To be translated	7	0.28	5
Type: Autonomous			
To be translated	7	0.28	1, 2, 3, 4, 6
To be translated	8	0.32	5, 7, 8

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
BUSINESS PLAN	20	18	0.72	2, 3, 5, 6, 8
Final exam	50	3	0.12	1, 2, 3, 4, 5, 6, 7, 8
PARTICIPATION AND CONTINUOUS ACTIVITIES	30	25	1	1, 3, 4, 5, 6, 7

Bibliography

The basic material to follow the subject will be published on the virtual campus.

In every case, the complementary bibliography, it's also possible to consult in any volume of the introductory books on business economics.

Software

Much of the course material will be available through the students on virtual campus. Some material may be delivered through other sources.

Language list

Name	Group	Language	Semester	Turn
(PLAB) Practical laboratories	1	Catalan	second semester	afternoon
(TE) Theory	1	Catalan	second semester	morning-mixed