

Economics and Management

Code: 100896
ECTS Credits: 6

Degree	Type	Year	Semester
2500252 Biochemistry	OT	4	2

Contact

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Use of Languages

Principal working language: spanish (spa)
Some groups entirely in English: No
Some groups entirely in Catalan: No
Some groups entirely in Spanish: Yes

Prerequisites

None

Objectives and Contextualisation

The aim of the course is to introduce the basic concepts of economics and business management, first giving an overview of the company and its organization and then analyzing the main functional areas, financial, production and commercialization .

Competences

- Act with ethical responsibility and respect for fundamental rights and duties, diversity and democratic values.
- Apply the legal and ethical principles that govern the development and application of molecular life sciences.
- Introduce changes in the methods and processes of the field of knowledge to provide innovative responses to the needs and demands of society.
- Read specialised texts both in English and one's own language.
- Take account of social, economic and environmental impacts when operating within one's own area of knowledge.
- Take sex- or gender-based inequalities into consideration when operating within one's own area of knowledge.
- Think in an integrated manner and approach problems from different perspectives.
- Use ICT for communication, information searching, data processing and calculations.

Learning Outcomes

1. Act with ethical responsibility and respect for fundamental rights and duties, diversity and democratic values.
2. Apply the principles of economic analysis to the production and sale of biotechnological products.
3. Apply the principles of economic analysis to the social responsibility and good governance of a company.

4. Apply the principles of management to the relationship between organisation, strategy and changing environment of a company dealing in biotechnological products.
5. Apply the principles of organisation and management of the different functional areas of a company dealing in biotechnological products.
6. Introduce changes in the methods and processes of the field of knowledge to provide innovative responses to the needs and demands of society.
7. Read specialised texts both in English and one's own language.
8. Take account of social, economic and environmental impacts when operating within one's own area of knowledge.
9. Take sex- or gender-based inequalities into consideration when operating within one's own area of knowledge.
10. Think in an integrated manner and approach problems from different perspectives.
11. Use ICT for communication, information searching, data processing and calculations.

Content

(Unless the requirements enforced by the health authorities demand a prioritization or reduction of these contents)

0: Introduction

Basic concepts of economics.

1: The company and its organization.

Business and markets

internal organization

Prices as coordinating mechanism.

2: Investment and financing business.

Interest rate.

Assessment of income.

Loans and mortgages.

Evaluation and selection of investment projects and funding (NPV, IRR).

Methodology

Theoretical classes will be combined with practices. For the practical classes you must have previously worked out the exercises and cases that will be corrected in class.

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
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Type: Directed

Practical classes	15	0.6	5, 4, 2, 10
Theory classes	30	1.2	5, 4, 3, 2
Type: Supervised			
Tutorials	6	0.24	10
Type: Autonomous			
Exercises and practical cases	95	3.8	5, 4, 3, 2, 11, 7, 10

Assessment

Continuous evaluation The final grade will be obtained from the partial notes together with the participation / assistance (10%).

To pass the course, you must obtain a minimum of 4 in each exam and a minimum of 5 in the final grade. Who does not reach 5 can do a recovery test where you will have to examine only the suspended topics. A student will have the "non-evaluable" rating if they do not attend the two exams.

Those who do not approve the course with a continuous evaluation can do a recovery exam where only the suspended topics will be examined. It will be classified as "non-evaluable" when: i) The number of evaluation activities carried out has been less than 50% of those programmed for the subject
ii) The evaluation of all the evaluation activities carried out does not allow to achieve the overall score of 5 in the assumption that it would have obtained the maximum grade in all of them.

Assessment Activities

Title	Weighting	Hours	ECTS	Learning Outcomes
Attendance and participation	10%	0	0	1, 9, 8, 5, 4, 2, 6, 10
First exam	45%	2	0.08	5, 4, 3, 2, 11, 7, 10
Second exam	45%	2	0.08	5, 4, 3, 2, 11, 7, 10

Bibliography

During the course, of the teacher will give the students the basic material, in addition to complementary bibliography (e.g.: Vicente Salas-Fumás (2007). El siglo de la empresa. Fundación BBVA).

Software

We will make a basic use of excel, but prior knowledge is not necessary.

Maybe we use zoom.