

## Economics and Management

Code: 100896  
ECTS Credits: 6

**2025/2026**

| Degree       | Type | Year |
|--------------|------|------|
| Biochemistry | OP   | 4    |

### Contact

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### Teaching groups languages

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

### Prerequisites

None, just general mathematical concepts acquired in high school and first grade courses.

### 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 .

### Learning Outcomes

1. CM34 (Competence) Integrate economic principles with corporate social responsibility and sustainable development.
2. KM37 (Knowledge) Identify the basic principles of economics and business management in the field of biochemistry and biotechnology.

### 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).

## Activities and Methodology

| Title             | Hours | ECTS | Learning Outcomes |
|-------------------|-------|------|-------------------|
| Type: Directed    |       |      |                   |
| Practical classes | 15    | 0.6  | CM34, KM37, CM34  |
| Theory classes    | 30    | 1.2  | KM37, KM37        |
| Type: Supervised  |       |      |                   |
| Tutorials         | 6     | 0.24 | CM34, KM37, CM34  |
| Type: Autonomous  |       |      |                   |
| Autonomous        | 95    | 3.8  | CM34, CM34        |

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.

## Assessment

### Continuous Assessment Activities

| Title                        | Weighting | Hours | ECTS | Learning Outcomes |
|------------------------------|-----------|-------|------|-------------------|
| Attendance and participation | 10%       | 0     | 0    | CM34, KM37        |
| First exam                   | 45%       | 2     | 0.08 | KM37              |
| Second exam                  | 45%       | 2     | 0.08 | KM37              |

**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.

## **Bibliography**

During the course, the teacher will give the students the basic material, in addition to complementary bibliography. For example:

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.

## **Groups and Languages**

Please note that this information is provisional until 30 November 2025. You can check it through this [link](#). To consult the language you will need to enter the CODE of the subject.

| Name                       | Group | Language        | Semester        | Turn          |
|----------------------------|-------|-----------------|-----------------|---------------|
| (PAUL) Classroom practices | 341   | Catalan/Spanish | second semester | morning-mixed |
| (TE) Theory                | 34    | Catalan/Spanish | second semester | morning-mixed |