UAB
Universitat Autònoma de Barcelona

Business Process Management

Code: 104609
ECTS Credits: 6

2025/2026

Degree	Type	Year
Business and Information Technology	OB	2

Contact

Name: Ana Cristina Domingo Troncho

Email: anacristina.domingo@uab.cat

Teachers

Pere Vilagut Abad

Teaching groups languages

You can view this information at the end of this document.

Prerequisites

The development of the subject does not include any prerequisite of previous knowledge to be able to study it.

Objectives and Contextualisation

The main objective of the course is to get to know the main processes of a company, to learn the life cycle of processes, and to understand the impact of managing by processes. All this from a general and transversal organisational perspective, which allows you to acquire a business vision to participate in organisational change projects.

In addition, it works on the modelling and documentation of processes following the BPMN standard.

The course aims to accustom students to the professional environment through their laboratory practice and the organisation of seminars led by various professionals with extensive experience in helping companies to manage by processes. All this without forgetting technology and people, key elements in Process Management.

Learning Outcomes

1. CM03 (Competence) Propose actions to improve indicators related to processes in an organisation.
2. SM13 (Skill) Use mathematical and algorithmic tools to solve problems in the economic-business field with deterministic components.

Content

Activities and Methodology

Title	Hours	ECTS	Learning Outcomes
Type: Directed			
Laboratory practices	10	0.4	
Theoretical classes, case studies and seminars	40	1.6	CM03, SM13, CM03
Type: Supervised			
Tutorial	15	0.6	
Type: Autonomous			
Preparation of practices and exercises	43	1.72	
Study	39.5	1.58	CM03, SM13, CM03

Lecturer - Students Relationship

The general and relevant information about the subject that details the contents of the teaching guide, such as the conditions for work assignments, will be published on the Virtual Campus and may be subject to changes in the programming for reasons of adaptation to possible incidents. The Virtual Campus will always be informed about these changes as it is understood that the Virtual Campus is the usual mechanism for exchanging information between teacher and student.

Languages

The classes will be done mostly in Catalan or Spanish, although the appearance of terms in English is very common. The written material or support for the subject (notes, bibliography, references or even statements of practices, exercises or cases) can be provided either in Catalan or Spanish or in English and in this case the use of the English language It can be not exceptional but usual.

Theoretical classes, cases, seminars, and sessions for solving exercises

In the face-to-face sessions is where the basic contents that students need to enter in the subjects that make up the program are presented. At the same time, the possible ways to complete or deepen the information received in these sessions are indicated.

During the sessions, the case method can also be used as a teaching tool. These sessions can be complemented with seminars, workshops and conferences conducted or supervised by the teaching team of the subject.

Laboratory Practices

These sessions will work on teams and the use of BPM tools will be encouraged, recommending Bonitasoft.

During the course, teamwork and the collaborative exchange of information and tools for solving problems will be encouraged. However, the final learning process must be individual, highlighted by the autonomous activity of each student, who will have to complement and enrich the work initiated in the course's directed sessions. The supervised activity, aroundregular tutorials and sporadic consultations carried out during the course, is also an indispensable tool in acquiring the knowledge that the subject provides.

Please note that the proposed teaching methodology may undergo some modifications according to the restrictions imposed by the health authorities on on-campus courses.

Use of AI

In this course, the use of Artificial Intelligence (AI) technologies is permitted as an integral part of the development of the work, provided that the final result reflects a significant contribution from the student in terms of analysis and personal reflection. The student must clearly identify which parts have been generated using this technology, specify the tools used, and include a critical reflection on how these tools have influenced the process and the final outcome of the activity. Lack of transparency in the use of AI will be considered a breach of academic integrity and may result in a penalty in the activity's grade, or more severe sanctions in serious cases.

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

Continous Assessment Activities

Title	Weighting	Hours	ECTS	Learning Outcomes
Continuous Assessment	45%	0	0	CM03, SM13
Exams	55%	2.5	0.1	CM03, SM13

"This course does not include a single evaluation system"

The course assessment will be carried out continuously throughout the semester and is organized based on the following learning evidence:

1. Laboratory practices scheduled during the semester to thoroughly work out specific cases in teams. Results must be submitted in writing through the Virtual Campus of the course. An additional oral presentation may also be requested.
2. Seminars organized during the course to complement teaching activities and allow the intervention of other stakeholders in the learning process.
3. Class participation and other exercises: Meant to encourage not only attendance but especially students' participation in class sessions through exercises, case discussions, etc., involving individual and/or group work. Due to its nature, only students who are present can be considered, and these activities cannot be recovered or submitted later.
4. Midterm exam: An exam to assess concepts, techniques, processes, and content covered during the course.
5. Final exam An exam to assess concepts, techniques, processes, and content covered throughout the course.

The final grade for the course will be obtained from the weighted sum of the scores of the different learning evidence, taking into account that each component mentioned has a specific weight. The following calculation will be used:

N = 30% (Laboratory Practices) + 15% (Seminars/Participation) + 25% (Midterm Exam) + 30% (Final Exam)

It is a necessary condition for this calculation that the student has completed activities in each of the four components (and therefore has non-zero scores in each component) and that the grade obtained in the Final Exam is equal to or greater than 3.

Students whose total grade obtained is equal to or greater than 3.5 but less than 5 ($3.5 \leq N < 5$) may opt for the RECOVERY process described below.

Evaluation Activities Calendar

The dates of the different evaluation activities will be announced well in advance during the semester.

The dates for the course exams are scheduled in the Faculty's exam calendar.

"The scheduling of evaluation tests cannot be modified unless there is an exceptional and duly justified reason why an evaluation activity cannot take place. In that case, the persons responsible for the degree programs, after consulting with the faculty and affected students, will propose a new schedule within the corresponding academic period (Section 1 of Article 115. Calendar of Evaluation Activities - UAB Academic Regulations).

Students from the Faculty of Economics and Business who, according to the previous paragraph, need to change an evaluation date must submit a request by filling out the Reprogramming Request Form, available at: https://eformularis.uab.cat/group/deganat_feie/reprogramacio-proves

Grade Review Procedure

Coinciding with the final exam, the day and method for the publication of final grades will be announced. Similarly, information on the procedure, venue, date, and time for reviewing the grades will be provided in accordance with University regulations.

Recovery Process

To participate in the recovery process, students must have been previously evaluated in a set of activities that represent at least two-thirds of the total grade for the course or module (Section 3 of Article 112 ter - Recovery - UAB Academic Regulations).

Students must have obtained a course grade between 3.5 and 4.9. The date for this test is scheduled in the Faculty's exam calendar. Students who take and pass it will pass the course with a grade of 5. Otherwise, they will maintain the same grade.

Irregularities in Evaluation Activities

Without prejudice to other disciplinary measures deemed appropriate, and in accordance with the current academic regulations: "In the event that a student engages in any irregularity that could lead to a significant variation in the grade of an evaluation activity, the activity will be graded.

Bibliography

It will be published on the Virtual Campus

Software

It will be published on the Virtual Campus

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	201	Catalan	second semester	morning-mixed
(PLAB) Practical laboratories	201	Catalan	second semester	morning-mixed
(PLAB) Practical laboratories	202	Catalan	second semester	morning-mixed
(PLAB) Practical laboratories	203	Catalan	second semester	morning-mixed
(TE) Theory	20	Catalan	second semester	morning-mixed