

Degree Project

Code: 102187
ECTS Credits: 12

| Degree | Type | Year | Semester |
|---|------|------|----------|
| 2501232 Business and Information Technology | OB | 4 | 0 |

Contact

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Use of Languages

Principal working language: catalan (cat)
Some groups entirely in English: No
Some groups entirely in Catalan: No
Some groups entirely in Spanish: No

Prerequisites

Following article 134 of the academic normative of the UAB, students must fulfil two requirements to enrol in the degree's Final Year Project:

- To have passed all subjects of the first year and a total of 120 ECTS in subjects of the first three years (article 134.5, requirement to be able to enroll fourth year subjects of undergraduate studies)
- To have passed at least two thirds of the total load of the degree (i.e. 160 ECTS for the Business and Information Technology Degree) (article 134.7, requirement to enroll the Final Year Project)

Furthermore, the FEiE recommends the enrolment in this subject only for students in their actual last year of studies, i.e., who will be able to graduate at the end of the academic year.

Objectives and Contextualisation

Following the Royal Decrees establishing the main lines in the development of University Studies (RD 1393/2007 and RD 861/2010) the Final Year Project (FYP) must be oriented to the evaluation of the competences associated to the Degree.

The FYP constitutes the culmination of the learning process for undergraduate students. It allows them to prove that they can effectively integrate added knowledge and skills to carry out a Project/Dissertation with a professional orientation within the scope of Business and IT.

Competences

- Appropriately drawing up technical reports according to the customer's demands.
- Carrying out different oral presentations for different audiences.
- Demonstrating a comprehension of protocols, techniques and methods of research of the scientific work.
- Demonstrating a comprehension of the ethical values of the professional practice, especially in relation to the processing of information.
- Demonstrating a concern for quality in the objectives and development of the work.
- Developing critical thinking and reasoning and communicating them effectively both in your own and other languages.
- Developing self-learning strategies.

- Incorporating knowledge and abilities in order to produce an academic or professional work in the field of information systems of a company, and promoting work in more real environments.
- Producing innovative and competitive proposals in research and professional activity.
- Students must be capable of adapting to new situations and new knowledge that may lead to new analysis and different stances.
- Students must be capable of analysing, summarising, organising, planning and solving problems and making decisions.
- Students must be capable of searching and analysing information of different sources.

Learning Outcomes

1. Appropriately drawing up technical reports according to the customer's demands.
2. Carrying out different oral presentations for different audiences.
3. Demonstrating a comprehension of protocols, techniques and methods of research of the scientific work.
4. Demonstrating a concern for quality in the objectives and development of the work.
5. Developing critical thinking and reasoning and communicating them effectively both in your own and other languages.
6. Developing self-learning strategies.
7. Incorporating knowledge and abilities in order to produce an academic or professional work in the field of information systems of a company, and promoting work in more real environments.
8. Producing innovative and competitive proposals in research and professional activity.
9. Respecting the ethical principles in relation to the processing of private information in a business environment.
10. Students must be capable of adapting to new situations and new knowledge that may lead to new analysis and different stances.
11. Students must be capable of analysing, summarising, organising, planning and solving problems and making decisions.
12. Students must be capable of searching and analysing information of different sources.

Content

The Final Year Project must constitute an original individual work, produced under the supervision of a mentor, applying the competences attained by the student throughout his/her undergraduate studies. Considering the nature of the Degree, applied dissertations are recommended. The research and proposal of innovative solutions to real (business) problems are strongly suggested, particularly those related to business strategies in which IT is part of the proposed solution.

Methodology

During September, the degree coordinator will offer a session to provide a general description of the assignment process for both the supervisor and topic(s) of the Final Year Project(FYP), as well as other aspects of interest regarding the development of this course. Details will also be posted online at the Faculty website.

Once the students have gone through the assignment process, they should contact their respective supervisors, to agree on the details of a first meeting. Supervision should entail a minimum of four meetings during the academic year:

- A first initial meeting to comment on the topic selected and define its specific orientation. At this moment an agreement on a different topic can be reached, usually proposed by the student. It must be taken into account that while the topic can be changed, under normal circumstances this is not the case for the assigned supervisor.
- Two following-up meetings during the academic year. After the second one, an intermediate report should be handed to the supervisor.
- A final meeting devoted to the oral defense of the FYP.

Both Catalan, Spanish and English languages can be used to write the FYP.

Further details on the whole process, including a cronogram and other references can be found at : <https://www.uab.cat/economia-empresa/> (TFG)

Activities

| Title | Hours | ECTS | Learning Outcomes |
|---|-------|-------|------------------------------------|
| Type: Directed | | | |
| Orientation sessions | 5 | 0.2 | 9, 10, 4, 5, 7, 11 |
| Type: Supervised | | | |
| Tutorials and meetings with the tutor | 10 | 0.4 | 9, 4, 6, 5, 8, 7, 11 |
| Type: Autonomous | | | |
| Preparation of oral presentations | 15 | 0.6 | 10, 4, 3, 6, 5, 2, 8, 1, 11, 12 |
| Research, preparation and writing the Project | 268 | 10.72 | 9, 10, 4, 3, 6, 5, 8, 7, 1, 11, 12 |

Assessment

Assessment of the Final Year Project (FYP) is twofold.

In a first step, the Final Project will be appraised by the student's supervisor based on both the written report produced by the student (80%) and its oral defense (20%).

Since the supervisor should assess both the final written report and the performance of the student during the course, his/her evaluation will have two components: the assessment of an intermediate delivery (15%) and that of the final report (65%). The mark of this last report should be based both on formal aspects of the document (its formal structure, references, writing skills) and its content, following the assessment criteria established in the Faculty common evaluation rubric.

Thus, considering the whole year process, the supervisor will hand out a short report on the quality of the written dissertation and the student's oral defense, as well as a proposed grade ranging from 0 to 10 following the above-mentioned criteria.

For students having been awarded a supervisor's mark of less than 7, the second step of the assessment will not apply. The supervisor's awarded mark will constitute their final grade for the FYP.

The second step is thus reserved to students having obtained a supervisor's mark equal or higher than 7, and is non-compulsory. It involves the design of a poster summarizing the student's Final Project, followed by its presentation in front of an evaluation panel. The panel will award the student's final grade for the FYP, which should fall in the 7-10 range. Should a student choose not to participate in this second step, his/her final grade will be fixed at 7, regardless of the mark proposed by the student's supervisor at the end of the first step of the assessment process.

Furthermore, it should be noted that the methodology explained above and designed to guide the students during the process of elaboration of the FYP is compulsory. Therefore, if a student fails to follow it, and his/her supervisor does not have enough evidences to ensure authorship of the submitted Final Project, the advisor will not evaluate it. This entails a final mark of "non-evaluable", thus not passing the course.

Irregularities in evaluation activities

Despite other disciplinary measures deemed appropriate, and in accordance with current academic regulations, *"whenever a student makes any irregularity that could lead to a significant variation in the grade of an evaluation activity, it will be graded with a 0, regardless of the disciplinary process that can be instructed. In case of occurrence of various irregularities in the evaluation of the same subject, the final grade of this subject will be 0"*. **Section 10 of Article 116. Results of the evaluation. (UAB Academic Regulations).**

Assessment Activities

| Title | Weighting | Hours | ECTS | Learning Outcomes |
|---|-----------|-------|------|------------------------------------|
| 1. Dissertation (supervisor's mark) | 56% | 0 | 0 | 9, 10, 4, 3, 6, 5, 8, 7, 1, 11, 12 |
| 2. Oral presentation (supervisor's mark) | 14% | 1 | 0.04 | 9, 4, 5, 2, 1 |
| 3. Poster defense (panel) [provided that (1)+(2)>=7/10] | 30% | 1 | 0.04 | 9, 5 |

Bibliography

General references will be provided in the "Campus Virtual". More specific literature can be suggested by the mentor of each student.