

## 29935 - Undergraduate Dissertation

### Syllabus Information

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**Academic year:** 2023/24

**Subject:** 29935 - Undergraduate Dissertation

**Faculty / School:** 110 - Escuela de Ingeniería y Arquitectura

**Degree:** 435 - Bachelor's Degree in Chemical Engineering

**ECTS:** 12.0

**Year:** 4

**Semester:** Second semester

**Subject type:** End of Grade Dissertation

**Module:**

### 1. General information

The Degree Final Project (DFP) is a subject of 12 ECTS credits.

The goal of the DFP is to train the student to carry out, present and defend an integral project of Chemical Engineering, as a demonstration and synthesis of the competences acquired in the degree. The student is expected to carry out an original work, under the supervision of a teacher, in a complete way, including the elaboration of the work, presentation of results, discussion of the same, elaboration of a report and public defence.

In accordance with the commitment to the 2030 Agenda, the DFP will explicitly show its direct contribution to the SDGs and their targets goals.

Passing this subject is mandatory to obtain the Degree in Chemical Engineering, according to the current regulations and procedures in force.

### 2. Learning results

In order to pass this subject, the student must demonstrate the following results:

Be able to elaborate, present and defend individually an original exercise in the field of Chemical Engineering, as a demonstration and synthesis of the competences acquired in the courses.

Apply the acquired competencies to the performance of a task in an autonomous manner. Identify the need for continuous learning and develops its own strategy to carry it out.

Plan and use the necessary information for a project or academic work based on a critical reflection on the information resources used.

Communicate clearly and efficiently in oral and written presentations on complex topics, adapting to the situation, type of audience and communication goals. Can give an oral presentation in English and answer to questions from the audience.

### 3. Syllabus

The program of the work to be carried out as DFP, as well as the most appropriate typology for its development, is established by mutual agreement between the student and his/her director.

The DFP proposal is assessed by the academic committee of the degree, which may approve, reject or request, complementary information.

The modifications requested with respect to an approved proposal must once again have the favourable report of the academic committee of the degree program. The DFP proposal, once approved, will remain in effect as long as the student, with the approval of the director, does not expressly request its modification or cancellation.

### 4. Academic activities

The student must agree with his/her DFP director on the training activities, which may consist of academic work, tutoring sessions, assessment of the follow-up of the work done, depending on the proposed topic and its scope of the work.

Regular meetings will be held to follow up on the work and solve any doubts.

### 5. Assessment system

The assessment of the DFP will be based on the following aspects:

- The quality and depth of the work itself, in accordance with the scope and goals set forth in the proposal and the deposit made by the student, and considering the workload foreseen in the degree verification report,
- the assessment made by the director, co-directors and, if applicable, the lecturer, in his/her report, and
- the public presentation of the work.

After the defence of the DFP, the members of the board of examiners must issue an individual assessment report, from which the final grade will be assigned .

In the case of a failing assessment of the DFP, the board of examiners must issue a report detailing the deficiencies, both methodological and content, that justify such a grade , indicating also the modifications that need to be introduced in the work, and a new defence of the work will be carried out.