

60573 - Master's Dissertation

Syllabus Information

Academic year: 2024/25

Subject: 60573 - Master's Dissertation

Faculty / School: 201 - Escuela Politécnica Superior

Degree: 546 - Master in Agricultural Engineering

ECTS: 12.0

Year: 2

Semester: First semester

Subject type: Master Final Project

Module:

1. General information

This subject has an integrating character that mobilizes the set of competencies that the student has developed throughout their formative process, combining personal interests, studies and experiences. Specific competencies will be linked to it using the thematic and procedural choice made by the student.

This subject has a series of steps to be followed according to the [Final Project Regulations of the Escuela Politécnica Superior](#), (Higher Polytechnic School) available on its website.

These approaches and objectives are aligned with the Sustainable Development Goals (SDGs) of the United Nations 2030 Agenda (<https://www.un.org/sustainabledevelopment/es/>), specifically, the learning activities planned in this subject will contribute to the achievement of Goal 4: Quality Education.

2. Learning results

- To define objectives and strategies and plan actions in relation to the topic of their master's final project (MFP), related to agronomic engineering, with a professional, creative and innovative perspective, integrating and summarising the training content received and adequately justifying the contribution of the same to the promotion of sustainable development in any of its aspects, within the framework of the UN Agenda 2030.
- To develop the professional competencies associated with the agricultural engineering profession.
- To present the master's final project in a correct and structured way, justifying and substantiating its importance and relevance, the coherence of the approach, and to defend it consistently in front of an expert audience.

3. Syllabus

There is not a specific program since the contents of the MFP are varied.

4. Academic activities

Depending on the type of MFP and the topic chosen by the student, they will carry out different activities tutored by their director/s.

In any case, there will be individualized tutoring sessions whose frequency and duration will vary depending on the type of MFP. In them, the director/s will provide the necessary guidance for the completion of the MFP and will monitor it.

Non-attendance work: the student will write individually or collectively, the proposal of the MFP, will develop it by carrying out all the necessary activities, those foreseen and not foreseen, and will materialize all this in a written report or project that will be accompanied, if necessary, by the material deemed appropriate. These materials shall contain sufficient elements of personal creation and shall adequately cite all sources consulted. Finally, they will prepare the presentation and defence before the board of examiners appointed for the evaluation of the MFP.

5. Assessment system

The student must present and defend the MFP before the board of examiners designated for this purpose at the place, date and time set in compliance with the [Regulations of the Final Project of the Escuela Politécnica Superior](#) (Higher Polytechnic School). The recommended time for the presentation is 30/35 minutes, after which the board members will ask questions to the student.

Assessment criteria

The criteria and conditions for the evaluation of the MFP are described in the [Final Project Regulations of the Escuela Politécnica Superior](#) (Higher Polytechnic School). Thus, each member of the board of examiners will evaluate the formal aspects of the report (20%), the content (50%) and the defence performed by the student (30%), and will issue a numerical grade between 0 and 10 for each of the three previous sections in the grade report, which must be weighted to obtain the average grade of each member of the board. The minimum average grade required for each section will be 5.0. The final grade will be the result of the weighted average of the grade given by the members of the board.

Each member of the tribunal will evaluate the MFP according to the following evaluation rubric:

Evaluation rubric

FORMAL ASPECTS OF THE REPORT 20%.	Formal structure of contents, organization, layout (10%)
	Sources (currency, validity and relevance) References and citations* (completeness and normalization) (10%)
CONTENTS 50%	Definition of objectives and background and contribution of the MFP to sustainable development (15%)
	Scientific/technical content, complexity and difficulty of the topic (20%)
	Results, achievement of objectives, relevance of conclusions (15%)
DEFENSE 30%	Oral communication (7.5%)
	Verbal argumentation and ability to summarise (15%)
	Defence support resources (7.5%)

*Plagiarism, understood as the presentation of a work done by another person as one's own or the copying of texts without citing their source and giving them as one's own production, will automatically lead to a numerical grade of zero, without excluding the disciplinary or legal responsibilities that the student(s) who plagiarize may incur. Art. 14.3 of the [Texto Refundido del Reglamento de los trabajos de fin de grado y de fin de máster en la Universidad de Zaragoza](#).

The evaluation rubric, once completed by the board, will be included in the student's file. In the event of a complaint, a consultation may be requested.

Success rates in previous years

2020/2021	2021/2022	2022/2023
100,00%	100,00%	100,00%

6. Sustainable Development Goals

4 - Quality Education