

66398 - Master's Dissertation

Syllabus Information

Academic year: 2023/24

Subject: 66398 - Master's Dissertation

Faculty / School: 110 - Escuela de Ingeniería y Arquitectura

Degree: 636 - Master's in Renewable Energies and Energy Efficiency

ECTS: 15.0

Year: 2

Semester: First semester

Subject type: Master Final Project

Module:

1. General information

The master's final project (MFP) is a 15 ECTS subject.

The objective of the MFP is to train the student to carry out, present and defend a comprehensive project in renewable energy and energy efficiency engineering, as a demonstration and synthesis of the skills acquired in the master's degree. The student is expected to carry out an original work, under the supervision of a teacher, in a complete way, including the production 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 MFP will explicitly show its direct contribution to the SDGs and their targets.

Passing this subject entitles the student to obtain the title of Master's Degree in Renewable Energies and Energy Efficiency

2. Learning results

In order to pass this subject the student must demonstrate that he is capable of carrying out, presenting and defending an integral project in renewable energies and energy efficiency, as a demonstration and synthesis of the competences acquired in the master. The project shall include the application of the appropriate regulations for the test design, instrumentation and realization of the necessary calculations.

The student must write a report summarizing the work carried out on a research topic, which will include a description of the state of knowledge in the specific field, the description of the experimental work carried out and the conclusions derived therefrom.

The student must make a public presentation of the report and adequately answer questions related to the work done and its presentation.

3. Syllabus

The program of the work to be carried out as MFP, as well as the most appropriate typology for its development, is mutually agreed between the student and their director.

The MFP proposal is assessed by the Academic Committee of the degree, which may approve it, reject it or request additional information about it.

The modifications requested with respect to an approved proposal must again have the favourable report of the Academic Committee of the master's degree. The MFP 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 their MFP director on the training activities, which may consist of academic work, tutoring sessions, evaluation of the follow-up of the work done, depending on the proposed topic and its scope.

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

5. Assessment system

The evaluation of the MFP will be based on the following aspects:

- The quality and depth of the work itself, in accordance with the scope and objectives set forth in the proposal and the deposit made by the student, considering the workload foreseen in the degree's verification report,
- the assessment made by its director, co-directors and, if applicable, the presenter in their report
- the public presentation of the work.

After the defence of the TFM, the members of the examining board must issue an individual evaluation report, on the basis of which the final grade will be assigned.

In the case of a failing evaluation of the MFP, the board of examiners must issue a report detailing the deficiencies, both methodological and of content, that justify this grade, indicating the modifications that must be made to the work, and a new defence will be carried out.