

Master Thesis rules at UPC

Objectives and Scope

The Master Thesis is an individual work where the student must apply and integrate the knowledge and skills acquired throughout the programme. The work should allow a comprehensive assessment of students' professional skills and scientific and technological training, as a prerequisite to achieve the degree MSc in Energy Engineering.

Learning outcomes

The student is able to obtain transferable results in the field of energy, either in terms of efficiency, savings, management, generation, transportation, storage, and end use in relation to the energy market from an engineering perspective and therefore immediately useful in industry and administration.

Contents

Student's work is performed under the supervision of a thesis director.

Master's thesis is focused as applied research and its results are reflected in a report, which must include at least the following sections: Summary, Definition of Objectives, Feasibility Analysis, Methodology, development and analysis of results; Conclusions and Bibliography.

Requirements

- The registration is performed at the master secretariat prior to the public defence of the thesis.
- Each thesis shall have a director, who advises and supervises the student.
- To submit the thesis for examination the authorization of the thesis director is required.
- The examination is done by a evaluation committee during a public defence.
- For the defence of the master thesis is necessary that the student has passed all the master courses.
- If the student chooses a specialisation, the master thesis should be related to the area of specialization.

The thesis work must be submitted to the master Secretariat, during the period scheduled at the beginning of each academic year. The student must deliver the following documentation:

- A paper copy of the thesis work in A4 format. This copy should also include the presentation acceptance form signed by the thesis director and the evaluation minutes form (all these forms are available in the Master website).
- A CD / DVD with all the thesis documents in PDF format (in one or several documents). The cover shall include at least the author, director and title.
- The External Director's Report, if applicable.

Examination

The student must present his work during a public defence for a maximum of 40 minutes. Evaluation committee members can make questions and comments to the student. After that, the evaluation committee delivers about the thesis grade. The secretary of the committee completes the examination minutes with the evaluation results. These minutes, which are signed by all committee members and a copy of the thesis work, are delivered to the master secretariat.

Grades are the same than for other UPC courses (0 to 10, where below 5 is not-passed and 10 is an excellent work).

Evaluation committee

The evaluation committees are appointed by the Master Coordinator.

The evaluation committee is composed by three lecturers amongst those of the departments and institutes participating in the master degree, with the possible participation of an external member of the collaborating institutions.