

MSc in Theoretical Physics

Speciality in Particle Physics and Cosmology

Guide for MSc Thesis

1. Format and Submission

The Master's Thesis must be submitted **exclusively in digital format**. No printed copy is required.

The document must be submitted as a **single PDF file**. Please use a clear and identifiable file name, preferably following this format:

TFM_NameSurname.pdf

The thesis must be sent by email to the **secretary of the evaluation committee corresponding to the call in which the student intends to defend the thesis**, with a copy to the Master's Programme Office at: carolina.saggiomo@inv.uam.es

Students are reminded that the official submission deadlines must be strictly observed. **Documents submitted after the established deadline will not be accepted.**

2. Document Style and Length

The Master's Thesis must be formatted in **A4 size**.

The recommended font size is **11 pt**.

The complete document—including the main text, figures, tables, references, annexes and appendices—must not exceed **70 pages in total**.

The use of **LaTeX** is strongly recommended, especially for technical or highly mathematical documents. However, students may use other word-processing systems, such as Word or similar software, provided that the final document is submitted in PDF format and complies with the formatting requirements indicated above.

3. Evaluation Criteria

The MSc Thesis will be assessed according to the official evaluation criteria for the Master's Thesis in the MSc in Theoretical Physics.

Content — 0 to 50 points

The committee will assess:

- Technical command of the subject.
- Original personal contribution.

- Ability to place the work in context within its field of specialisation, including the relevant problems and methods of analysis directly related to the object of study.
- Ability to place the work in the broader context of the physical sciences, including motivation, aims and general objectives of the research line.
- Use of an updated and relevant bibliography.

Presentation and Defence — 0 to 30 points

The committee will assess:

- Whether the duration of the presentation is adjusted to the established time.
- The student's ability to clearly express the main ideas of the work.
- The inclusion of personal perspectives on the subject studied, such as future directions, limitations, possible strategies or open questions.
- The quality and clarity of the answers to the questions raised by the evaluation committee.

Formal Aspects — 0 to 5 points

The committee will assess whether the thesis complies with the regulations and formal requirements of the MSc in Theoretical Physics.

Supervisor's Report — 0 to 15 points

The supervisor will provide a brief evaluation of the work carried out by the student, justifying the proposed mark.

Total mark — 0 to 100 points

The final mark will be obtained from the sum of the four sections above.