

Unidade Curricular: Master Final Work

Área Científica: TFM

Duração: Anual

Horas de trabalho: 1134

Horas de contacto: OT-60

ECTS: 42

Docente Responsável: João Miguel Alves da Silva

Outros Docentes: Todos os docentes do ISEL que desenvolvam trabalho na área do ciclo de estudos e que sejam doutorados ou tenham o título de especialistas podem orientar o trabalho final de mestrado independentemente de não constarem na lista de docentes afetos às outras UC do curso. (60h OT) All teachers of the ISEL that develop work in the area of study plan and which have a PhD or a title of expert can supervise the final master work independently if the name does not appear in the list of teachers allocated to other UC course. (60h OT)

Learning outcomes of the curricular unit

The main objective of the master final work (dissertation, project or a internship) is to enable the students to develop deeper knowledge, understanding, capabilities and attitudes in the context of the program of study.

Specific learning outcomes for a Master's thesis are for the student to demonstrate:

- Deeper knowledge of methods in the subject of study.
- A capability to contribute to research and development work.
- The capability to use a holistic view to critically, independently and creatively identify, formulate and deal with complex issues.
- The capability to plan and use adequate methods to conduct qualified tasks in given frameworks and to evaluate this work.
- The capability to critically and systematically integrate knowledge.
- The capability to clearly present and discuss the conclusions
- A consciousness of the ethical aspects of research and development work

Syllabus

1. Introduction: What is the work about? Why is this an important subject? How will you analyze this issue?
2. Literature Review: What have others said and provided evidence for this subject?
3. Methodology: How will you examine this issue?
4. Discussion of Results: What are the main findings of the work? In what ways this work modify/add to the existing literature?
5. Conclusions: What are the theoretical or policy implications of these findings? What are the fruitful work directions on this topic
6. References: Which sources did you consult?
7. Appendix

Demonstration of the syllabus coherence with the curricular unit's learning objectives.

The student chooses his or her final master's degree from a list of available assignments in a given year based on a worksheet listing the theme, the advisor (s), the type of work (dissertation, project or internship)), the place of work and if other entities are involved, the objectives to be achieved, a brief description of the work with its plan, an indication of previous work by the mentors related to the proposed theme and some supporting bibliography. Alternatively, the student may propose to the course coordinating committee a topic that he or she may wish to develop that the course coordinating committee considers by proposing a teacher as advisor who should produce a similar form to the previous one. Work proposals are reviewed by the course coordinating committee and the ADEQ Coordinating Council to validate the feasibility of the submitted papers. After the student has chosen a theme, it is approved by the CTC.

Teaching methodologies (including evaluation)

The final master thesis is developed independently by the student under the direction of one to three supervisors. The work should be written at the end of the program and offers the students the opportunity to synthesize the knowledge acquired in previous curricular units. A discussion of the final work is done in a public examination evaluated by a jury appointed by the CTC. The session has a maximum duration of 90 minutes providing the student 20 minutes to present their work followed by the discussion where the student has the same time of the jury.

Demonstration of the coherence between the teaching methodologies and the learning outcomes

Teaching methodology intend to theoretically and methodologically support each project as a necessary component in the process of elaborating the final Master thesis report (which can be referred to a dissertation, a stage or a project), that is to be presented and discussed in a public examination.

Mandatory consultation/existence bibliography:

Alexandre Pereira e Carlos Poupa, Como Escrever uma Tese, Monografia ou Livro Científico Usando o Word. 5ª Edição, Sílabo, 2012.

- Yvonne N. (Nguyen) Bui, How to Write a Master's Thesis, 2nd edition, SAGE Publications, Inc., 2013

- J S Graustein, How to Write an Exceptional Thesis or Dissertation: A Step-By-Step Guide from Proposal to Successful Defense, Atlantic Publishing Group Inc. 2014

- bibliografia específica relacionada com o tema escolhido pelo aluno / research literature related to the topic chosen by the student