

Subject 5. TFM - Master's Final Project

Type: Mandatory

Character: Integrator

ECTS credits: 15

Course: First

Semester: Second

Language in which it is taught: Catalan, Spanish, English

Prerequisites: To pass the TFM defense, you must have passed 45 ECTS from the remaining subjects.

1. Presentation of the subject

The subject "Final Master's Thesis" includes the Final Master's Thesis (TFM), a subject that aims to enable the student to integrate the knowledge and skills acquired throughout the degree, as well as to prove that they have the appropriate skills for their use in a professional environment. It constitutes the final point of the master's degree and has a very close link with the rest of the subjects studied throughout the program.

All TFM must comply with the TFM Regulations. The TFM, which is integrative in nature, consists of the preparation of a study or an original project in which the knowledge and skills acquired during the master's period are applied.

The TFM may be based on the development of a proposal and a design project for the public sector, in at least one of the three itineraries marked in the master's degree: education, health and inclusion; or focus on a theoretical work, dissertation of an exhaustive analysis of a case, methodological or theoretical aspect of design for the public sector, in the three itineraries mentioned above.

The TFM can be linked to Professional Internships as long as it is developed to the point of becoming its own entity and meets the objectives established in the TFM Regulations.

It is important to note that the TFM must involve the development of a tangible product or result derived from the project carried out. As a culmination of the development of the Master's Final Project, the student will make a public presentation of the results of their TFM, before a panel of judges.

2. Competencies of the matter

Subject		General Skills					
		CG1	CG2	CG3	CG4	CG5	CG6
TFM	Master's Final Project	X	X	X	X	X	X

CG1. The graduate must be able to formulate, design and manage projects in a creative and entrepreneurial way, integrating knowledge and attitudes to develop proposals for change and social innovation through design.

CG2. The graduate must be capable of developing analytical and critical thinking that allows them to analyze dynamics of change and solve social innovation challenges.

CG3. The graduate must be able to understand the consequences of professional actions and their repercussions on a social, ethical, economic and environmental scale, which allows innovative ideas that drive social change to be converted into viable projects.

CG4. The graduate must have the ability to appreciate the diversity and multiculturalism of society to integrate knowledge in a transdisciplinary manner.

CG5. The graduate must be able to generate and evaluate new ideas, proposals and design of social solutions applied to the public sphere, based on the theoretical and practical aspects of the work methodology in the field of social co-design.

CG6. The graduate must be able to express themselves and communicate orally, in writing and with visual resources, for leadership, organizational creativity and teamwork in co-design.

Subject		Specific Skills									
		CE1	CE2	CE3	CE4	CE5	CE6	CE7	CE8	CE9	CE10
TFM	Master's Final Project	X	X		X		X	X	X	X	X

CE1. The qualified person must be able to seek and propose new procedures and solutions to a given problem with a vision for the future, considering medium and long-term strategies, both in

individual and interdisciplinary performances.

CE2. The graduate must be able to create design solutions that satisfy both social and functional requirements as well as technical and usability problems in new or little-known environments within broader (or multidisciplinary) contexts related to their area of study.

CE4. The graduate must be able to recognize adequate knowledge of the professional and methodological issues of the current social design debate for their application in the generation of new ideas and social solutions.

CE6. The graduate must be able to identify and appropriately use relevant sources of information and identify and use relevant research resources (primary and secondary sources, key players, experts, etc.).

CE7. The graduate must be able to plan research in all its phases: produce and obtain

information, apply social research methods and techniques and design, analyze, present and discuss the results.

CE8. The graduate must be able to evaluate evidence and draw appropriate conclusions from research, integrating the results into the design of innovative, relevant and viable solutions to a given challenge, for solving problems in new situations.

CE9. The graduate must be able to understand the consequences of professional actions and their repercussions in the social, ethical, economic and environmental spheres that allow innovative ideas that drive social change to be converted into viable projects.

CE10. The graduate must acquire knowledge of the different communication processes, technologies and resources necessary to implement, manage and promote projects.

3. Subject learning outcomes

Learning outcomes

RA1. Be able to acquire knowledge and assume responsibility for both independent and self-directed learning.

LO2. Be able to propose a clear and pertinent topic in relation to the content of the Master's degree and, at least, to one of the three student areas (education, health or inclusion), justifying it with scientific rigor and honesty.

LO3. Be able to integrate the knowledge, advanced tools and experience acquired in the Master's degree to develop an original and innovative project independently.

LO4. Demonstrate the ability to apply the theoretical and methodological principles of research.

LO5. Demonstrate the ability to relate the results of research processes to other areas (historical, scientific, social, cultural and technological).

LO6. Demonstrate the ability to correctly apply the citation criteria of documentary sources, use online search mechanisms appropriately and use appropriate terminology correctly.

LO7. Be able to critically analyze and treat various sources of information and use them to structure and formulate academic arguments.

LO8. Be able to use strategies to present and carry out the conclusions from one's own line of research in a coherent and convincing way.

LO9. Generate and evaluate complex ideas and concepts on an abstract level, applying the cognitive and technical skills acquired.

LO10. Demonstrate the ability to write scientific publications independently and creatively.

LO11. Demonstrate the ability to present and defend work in public, communicating conclusions and knowledge to specialized and non-specialized audiences in a clear and unambiguous manner.

4. Subjects and subject contents

Subject 5 Master's Final Project

35 hours of teaching 2n semestre Mandatory ECTS: 15
340 hours of independent work

Subjects

TFM - Master's Final Project

Contents: 2n semestre Mandatory ECTS: 15

- I. Timing and calendar.
- II. Tutor assignment system.
- III. Structure and methodology of work: line of research, choice of topic, structure of the work, formal guidelines.
- IV. Court assignment system.
- V. Evaluation systems: evaluation criteria and instruments and calculation of the grade.
- VI. Use of bibliography and APA citation style.

5. Training activities for the subject

Training activities		Hours	Presence
AF2	Theoretical-practical activity.	4	100 %
AF7	Independent work of the student.	340	0 %
AF8	Tutored work.	30	0-50 %
AF12	Presentation/exhibition.	1	100 %

6. Teaching methodologies of the subject

Teaching Methodologies

- MD2 Tutored individual work.
MD3 Tutored independent work.
MD4 Self-employed.
MD11 Case study.

7. Evaluation systems

Evaluation criteria

- Ability to assimilate and transmit theoretical knowledge in writing and/or orally.
- Correct use of specific terminology.

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- Student participation in the proposed activities.
- Interest in searching for information related to the proposed activities.

*Consult the TFM Regulations for the development of these criteria.

Evaluation instruments

- Carrying out all the proposed activities.
- Assessment of knowledge acquired through theoretical work and/or knowledge tests.
- Assessment of student participation in class activities.

*Consult the TFM Regulations for the development of these instruments.

Evaluation system		Min. Weighting	Max. Weighting
1.	Tutoring Sessions	10 %	30 %
2.	Master's Final Project	50 %	80 %
3.	Exhibition and public defense of the TFM	10 %	20 %

8. Use of generative artificial intelligence (GAI)

The IAG can be used as a support tool in certain research tasks, provided that its use is authorized by the teaching staff. Some examples of permitted use are: summarizing texts, making translations, identifying starting points for research, organizing sources, analyzing data or reviewing the style of one's own text. In these cases, it is essential to cite its use in accordance with the provisions of the subject Introduction to Digital Resources, Free and Open Source Software. Students are responsible for the content of the work they present, including that generated with the help of the IAG.

However, it is not allowed to use the IAG to write or directly prepare any activity or evaluation work. This improper use violates the training objectives of the subject, since it makes it difficult to acquire key skills such as critical thinking, the ability to analyze or formulate one's own ideas. In the event of any suspicion of inappropriate use, alternative evaluation tests may be applied to verify authorship, and if confirmed, the work may be suspended.

9. Timing

Set.	Session	Hours	Contents	Lecturer
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1	S1 3/02	3 ½ h	Phase 1. General presentation of the TFM. Capsule 1. Structure of a TFM Capsule 2. Research sources and AI.	TFM Commission p A. Fonseca p L. Delgado p
2/3	S2 13/02	— —	Phase 1. Submission of TFM Topic Proposal (Moodle)	<i>Moodle submission</i>
	S2 17/02	3 ½ h	From 4 to 6 p.m. Capsule 3. Research methodologies Capsule 4. Bibliographic citation Phase 1: Tutoring 1	F. González in A. Fonseca in Tutor (p o v)
5	S3 3/03	3 ½ h	From 4 to 5 p.m. -Capsule 5. Writing a TFM Phase 2. Tutoring 2	F. Vidal v Tutor (p o v)
7	S4 17/03	3 ½ h	Phase 2. Tutoring 3	Tutor (p o v)
9	S5 7/04	3 ½ h	From 4 to 5 p.m.Capsule 6. Oral presentation TFM Phase 2. Tutoring 4	N. Clavería v Tutor (p o v)
	S5 9/04	— —	Phase 2. Delivery of the initial draft of TFM (Moodle) Deadline to drop the subject or cancel the June call	<i>Moodle submission</i>
10	S6 14/04	3 ½ h	Phase 2. Presentation of the initial draft of the TFM to the Commission - June Call	TFM Commission p
11	S7 21/04	3 ½ h	Phase 2. Tutoring 5	Tutor (p o v)
13	S8 5/05	3 ½ h	Phase 2. Tutoring 6	Tutor (p o v)
14	S9 12/05	3 ½ h	Phase 2. Tutoring 7	Tutor (p o v)
15	S10 19/5	3 ½ h	Phase 2. Tutoring 8	Tutor (p o v)
	S10 21/5	— —	Phase 2. Delivery of the final draft of the TFM Decision on Aptitude for June call	<i>Moodle submission</i>
16	S11 27/05	3 ½ h	Phase 2. Tutoring 9	Tutor (p o v)
18/ 19	S11 8/06	— —	Phase 3. Delivery of the TFM Report in the ordinary June call	<i>Moodle submission</i>

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	S11 10/06	----	Committee meeting. Decision on the final presentation.	
20	s12 p 22-23/ 06	1h	Phase 3. Defense of the TFM in ordinary call of June (Face-to-face)	Tribunal TFM

10. Sources of information and teaching resources

Basic bibliography

- Amo, J. M. (2021). *Academic literacy: how to write a final year project*. Madrid: Wolters Kluwer.
- Baelo, M. (2017). *The art of presenting academic work before a panel: Undergraduate theses, Master's theses and doctoral dissertations: a practical guide for university students*. Almería: Editorial Círculo Rojo.
- Sancho, J. (2016). *How to write and present a good academic paper: a practical guide for students and teachers*. Vic: Eumo Editorial.

Reference bibliography and other resources

- Becker, H.S. (2011). *Tricks of the trade: how to conduct your research in social sciences*. Buenos Aires: Siglo Veintiuno.
- Guinea Martín, D. (2012). *Tricks of the trade of researcher: practical cases of social research*. Barcelona: Gedisa.
- Sierra Bravo, R. (2007). *Doctoral theses and scientific research papers: methodology of their preparation and documentation*. (5ªed., 5ª. reimp). Madrid: Thomson.