

## Course guide

### 290809 - TFMMADE - Master's Thesis

**Last modified:** 08/07/2025

**Unit in charge:** Vallès School of Architecture  
**Teaching unit:** 753 - TA - Department of Architectural Technology.

**Degree:** MASTER'S DEGREE IN ARCHITECTURAL DESIGN ECOLOGY IN THE DIGITAL AGE (Syllabus 2025). (Project subject).

**Academic year:** 2025    **ECTS Credits:** 10.0    **Languages:** English

#### LECTURER

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**Coordinating lecturer:** Academic Coordination: Lluís Ortega

**Others:** Teaching faculty:  
All Faculty in the Master

#### PRIOR SKILLS

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To have completed successfully Introduction to Architectural Design Based Research I and II, Studio I and II, Advance Architecture Techniques I and II, Studio I and II.

#### REQUIREMENTS

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To have completed successfully Introduction to Architectural Design Based Research I and II, Studio I and II, Advance Architecture Techniques I and II, Studio I and II.

#### TEACHING METHODOLOGY

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Classes will consist of seminar format with individual presentations and critical collective debates

#### LEARNING OBJECTIVES OF THE SUBJECT

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- K1.2 Formulate theoretical and practical relationships from historical and contemporary project references relevant to the thesis.
  - K5.2 Identify appropriate methodologies for the systemic research of the architectural project proposed in the thesis.
  - S1.2 Relate practice and criticism in the development of the thesis project.
  - S2.2 Formulate advanced research questions and topics that address problems with the complexity required by an architectural practice framed ecologically.
  - S4.1 Clearly present one's own architectural research topics—whether orally, in writing, or graphically—in dialogue with diverse audiences, both general and specialized, at national and international levels.
  - S4.2 Articulate theoretical discourses that integrate the proposed projects into the current cultural and architectural discourse.
  - C3.2 Analyze the complexity of the architectural project in ecological terms in relation to its environment, and in systemic terms in relation to the proposed program.
  - C4.1 Develop a project through integrated and iterative critical thinking.
  - C7.1 Include a gender perspective in the organization of architectural proposals.
  - C8.1 Analyze the complexity of the architectural project in ecological terms in relation to the environment in which it is developed.
  - C8.2 Integrate its systemic relationship with the proposed program to maintain the health of the ecosystem.
  - C9.1 Identify deficiencies and opportunities in one's own project and those of peers, and overcome them through critical reflection and selection of the best design action.
  - C9.2 Overcome potential shortcomings through critical reflection and the choice of the best design action.
- \*k (knowledge); S(Skills); C (Competences)



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### MASTER'S THESIS

**Description:**

content english

**Full-or-part-time:** 250h

Laboratory classes: 83h 24m

Self study : 166h 36m

## GRADING SYSTEM

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The evaluation of the Master's Thesis will be carried out through a public defense before a panel. The panel will be composed of three members: a chairperson, an ordinary member, and a secretary. Prior to the public defense of the thesis, the supervisor must validate the work and submit an evaluative report. This report will assess the main contributions of the thesis, its development, and the achievement of the learning objectives demonstrated. This report will be provided to the panel in advance, for guidance, and with sufficient time before the date of the public defense.

On the day of the public defense, the student will have a set amount of time, communicated beforehand, to present their work. The panel will have an equivalent amount of time to ask questions and make comments. The supervisor may have an opportunity to speak at the end of the defense. After the defense, the panel will issue an assessment report reflecting their evaluations and comments on the thesis.

## EXAMINATION RULES.

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The evaluation criteria for the Master's Thesis will be based on a rubric that will assess the following aspects:

- Methodological Aspects (33%): Approach and justification, background, current state of the art, objectives, content definition, tools used, quality of sources.
- Formal Aspects (33%): Quality of presentation, coherence, defense skills, etc.
- Prospective Aspects (33%): Results, architecture innovation, relevance and quality of discourse, etc.