

Course guide 290645 - TFG14 - Bachelor's Thesis

Unit in charge: Teaching unit:	Vallès School of Architecto 735 - PA - Department of 756 - THATC - Departmer	Architectural Design. t of History and Theory of Architecture and Communication Techniques.
Degree:	DEGREE IN ARCHITECTUR	RE STUDIES (Syllabus 2014). (Project subject).
Academic year: 2024	ECTS Credits: 6.0	Languages: Catalan, Spanish, English

LECTURER	
Coordinating lecturer:	LUIS ORTEGA CERDÀ
Others:	Tutors: Mariona Benedito, Pere Buil, Marc Camallonga, Coque Claret, Inés de Rivera, Franc Fernández, Josep Giner, Lluís Jubert, Carles Marcos, Jordi Mitjans, Silvia Musquera, Lluís Ortega, Núria Ortigosa, Tomeu Ramis, Rosa Rull, Núria Sabaté, Anna Sala-Giralt, Manuel Sanchez-Villanueva, Erica Sogbe, Santi Soto, David Steegmann, Carmen Torres, Roger Tudó, Miguel Usandizaga, Xavier Vancells, Chechu Zabala

PRIOR SKILLS

The enrollment and defense of the TFG can be made effective when the student has passed 270 ECTS of the studies of Degree, as long as in the 30 pending credits, do not coincide two Workshops of Architecture and Project.

DEGREE COMPETENCES TO WHICH THE SUBJECT CONTRIBUTES

Specific:

ETFG. The ability to carry out and present and defend before an examination committee an original, individual piece of work related to any of the disciplines pursued.

Generical:

CG1G. Knowledge of the history of architecture and architectural theories, as well as the arts, technological and human sciences associated with architecture.

CG2G. Knowledge of fine art as a factor that may influence the quality of architectural design.

CG3G. Knowledge of urbanism and the techniques that are applied in the planning process.

CG4G. An understanding of structural, construction and engineering design problems related to building design and techniques for solving them.

CG5G. Knowledge of the physical problems, technologies and functions of buildings so as to provide them with comfortable indoor conditions and protection from climate factors.

CG6G. Knowledge of industries, organisations, regulations and procedures for capturing design in buildings and integrating plans in planning.

CG7G. An understanding of the relationship between people and buildings, and between buildings and their environment, and the necessity of relating buildings to the spaces between them in view of needs and human scale.



Transversal:

CT3. TEAMWORK: Being able to work in an interdisciplinary team, whether as a member or as a leader, with the aim of contributing to projects pragmatically and responsibly and making commitments in view of the resources that are available.

CT4. EFFECTIVE USE OF INFORMATION RESOURCES: Managing the acquisition, structuring, analysis and display of data and information in the chosen area of specialisation and critically assessing the results obtained.

CT1. ENTREPRENEURSHIP AND INNOVATION: To get knowledge on the processes scientific research is based on, as well as the methods used to transfer results among the several stakeholders involved in R+D.

CT2. SUSTAINABILITY AND SOCIAL COMMITMENT: To understand the complexity of economic and social phenomena of welfare societies; to be able to relate wellbeing with globalization and sustainability; to achieve skills for a balanced and compatible use of technology, economy and sustainability.

CT6G. EFFECTIVE USE OF INFORMATION RESOURCES. The ability to manage the acquisition, organisation, analysis and presentation of data and information in the field of specialisation and critically assess the results.

CT7. FOREIGN LANGUAGE. Knowledge of a foreign language, preferably English, at an oral and written level that is consistent with graduates' future needs.

Basic:

CB3G. Students must be able to collect and interpret relevant data (generally in their field of study) to make judgements that include reflection on relevant social, scientific and ethical topics.

CB4G. Students must be able to transmit information, ideas, problems and solutions to specialised and lay audiences.

CB5G. Students must have developed the learning skills needed to pursue further study with a high degree of autonomy.

CB1G. Students must have been able to demonstrate their knowledge of a field of study that builds on secondary education and is usually found at a level that, while supported by advanced textbooks, also includes aspects that involve knowledge of the latest developments in the field of study.

CB2G. Students must be able to apply their knowledge to their work or vocation in a professional manner and demonstrate that they possess the competencies that are typically demonstrated by elaborating and defending arguments and solving problems in the field of study.

TEACHING METHODOLOGY

The course is structured in critical sessions with tutors, where the abilities of communication, reflection and self-criticism of the student will be worked.

LEARNING OBJECTIVES OF THE SUBJECT

Define and rigorously define a topic, problem or field of study.

Apply processes and procedures to collect, analyze and interpret relevant data and information in a methodical way.

Make a relevant and contextualized contribution to the topic, problem or field of study you have determined, supported by coherent arguments or reasoning.

Transmit the knowledge and skills acquired by presenting in writing, graphically and orally the work done.

STUDY LOAD

Туре	Hours	Percentage
Guided activities	36,0	20.00
Self study	144,0	80.00

Total learning time: 180 h



CONTENTS

TFG

Description:

- 1. Presentation: structure and objectives; methodologies.
- 2. Critical sessions with tutors
- 3. Midterm presentation
- 4. Critical sessions with tutors
- 5. Final presentation.

Full-or-part-time: 180h Guided activities: 36h Self study : 144h

GRADING SYSTEM

The defense of the TFG is a public act that includes an initial presentation of the student and the corresponding interventions of the court and the student. Each court must establish and communicate in advance the order and duration of the submissions. Assessment criteria are established according to the learning objectives. The scoring scale considers the degree to which the objectives have been achieved.

EXAMINATION RULES.

The regulations for the Final Degree Project can be consulted at: https://etsav.upc.edu/ca/escola/qualitat/normatives/normativa-especifica-etsav

RESOURCES

Other resources: https://upcommons.upc.edu/handle/2117/113945 />https://upcommons.upc.edu/handle/2117/88500