

## Course guides

### 290645 - TFG14 - Bachelor's Thesis

Last modified: 06/10/2020

**Unit in charge:** Vallès School of Architecture  
**Teaching unit:** 735 - PA - Department of Architectural Design.  
756 - THATC - Department of History and Theory of Architecture and Communication Techniques.

**Degree:** DEGREE IN ARCHITECTURE STUDIES (Syllabus 2014). (Project subject).

**Academic year:** 2020    **ECTS Credits:** 6.0    **Languages:** Spanish

#### LECTURER

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**Coordinating lecturer:** JUAN CUROS VILA

**Others:** Usandizaga Calparsoro, Miguel M.

#### DEGREE COMPETENCES TO WHICH THE SUBJECT CONTRIBUTES

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##### 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: An awareness and understanding of the mechanisms on which scientific research is based, as well as the mechanisms and instruments for transferring results among socio-economic agents involved in research, development and innovation processes.

CT2. SUSTAINABILITY AND SOCIAL COMMITMENT: An awareness and understanding of the complexity of economic and social phenomena typical of the welfare state; a capacity for relating welfare to globalisation and sustainability; and the ability to use techniques, technologies, economics and sustainability in a balanced and compatible manner.

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

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### LEARNING OBJECTIVES OF THE SUBJECT

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The main objective of the course is to explore the learning process of each student in order to identify and expose their main expertizes and professional interests using digital and design tools to be able to adequately develop and communicate the following:

- 1) The portfolio as process (digital), including all the material that identifies the learning acquired from the first term to the end of the degree.
- 2) The portfolio as showcase (digital and printed), presenting the main skills and strengths by showing a selection of the best results and high-level work developed throughout the degree.

Both portfolios should be structured by means of a written reflection on the individual criteria and interests of each student, text that will also be object of appreciation by the assesement committee of the TFG.

### STUDY LOAD

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

**Total learning time:** 180 h

## CONTENTS

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### TFG

**Description:**

1. Presentation: structure and objectives; methodologies.
2. Basic HTML - I: building and modifying a website.
3. Basic HTML - II: structuring a website.
4. Basic CSS: using style sheets.
5. Books - I: autobiographies.
6. Books - II: word & image.
7. Books - III: author books.
8. Seminar: Books & illustration.
9. CV and oral communication.
10. UPC commons / copyrights.
11. Portfolio exhibition.
12. Presentation and discussion of results.

**Full-or-part-time:** 180h

Guided activities: 36h

Self study : 144h

## GRADING SYSTEM

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## BIBLIOGRAPHY

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**Basic:**

- Sullivan, Louis H.. The Autobiography of an Idea. New York: Dover Publications, 1956. ISBN 111113311098.
- Siza, Álvaro. Textos. Madrid: Abada, 2014. ISBN 8415289960.
- Rossi, Aldo. Autobiografía Científica. Barcelona: Gustavo Gili, 1984. ISBN 842521176X.
- Premios Pritzker: discursos de aceptación, 1979-2015. Barcelona: Fundación Arquia, 2015. ISBN 9788494034398.
- Le Corbusier. L'Atelier de la recherche patiente. Facsímil ed. 1960. Lyon: Fage, 2015. ISBN 9782849753668.
- Smithson, Alison. The Charged void: architecture. New York: The Monacelli Press, 2001. ISBN 1580930506.
- Wright, Frank Lloyd. Autobiografía: 1867-[1943]. Madrid: El Croquis, 1998. ISBN 8488386117.

**Complementary:**

- Távora, Fernando Luís Cardoso Meneses de Tavares e. Fernando Távora : "minha casa" : "da organização do espaço : da harmonia do nosso espaço : da harmonia do espaço contemporâneo" : "uma porta pode ser um romance". Porto: Fundação Instituto Arquitecto José Marquês da Silva : Faculdade de Arquitectura da Universidade do Porto, 2013. ISBN 9789899796614.
- Macken, Marian. Binding space: the book as spatial practice. Abingdon, Oxon: Routledge, 2018. ISBN 9781138694330.
- Ursprung, Philip. Eduardo Souto de Moura: atlas de parede, imagens de método. Porto: Dafne, 2011. ISBN 9789898217189.
- Tavares, André. The Anatomy of the architectural book. Zurich: Lars Müller, 2016. ISBN 9783037784730.

## RESOURCES

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**Other resources:**

<https://www.w3schools.com>