

Course guide

210501 - TPEU - Theory and Design in Building Construction and Urbanism

Last modified: 16/05/2025

Unit in charge: Barcelona School of Architecture
Teaching unit: 735 - PA - Department of Architectural Design.
740 - DUTP - Department of Urbanism, Territory and Landscape.
756 - THATC - Department of History and Theory of Architecture and Communication Techniques.

Degree: MASTER'S DEGREE IN ARCHITECTURE (Syllabus 2015). (Compulsory subject).

Academic year: 2025 **ECTS Credits:** 12.0 **Languages:** Catalan, Spanish

LECTURER

Coordinating lecturer:

Others: JAIME BLANCO GRANADO - AEA
CARLES CROSAS ARMENGOL - RU
XAVIER LLOBET RIBEIRO - LP
MARIA TANIA MAGRO HUERTAS - LP
ALBERTO PEÑIN LLOBELL - MHIBP, MHIBT
MARINA POVEDANO REVILLA - MHIBP
JAUME PRAT ORTELLS - AEA
MARIA RUBERT DE VENTOS - MHIBU
ALESSANDRO SCARNATO - MHIBP

TEACHING METHODOLOGY

Go to catalan or spanish version.

LEARNING OBJECTIVES OF THE SUBJECT

Go to catalan or spanish version.

STUDY LOAD

Type	Hours	Percentage
Hours large group	45,0	36.00
Self study	80,0	64.00

Total learning time: 125 h



CONTENTS

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Description:

Go to catalan or spanish version.

Full-or-part-time: 100h

Theory classes: 20h

Laboratory classes: 16h

Self study : 64h

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Description:

content english

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Description:

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GRADING SYSTEM

Go to catalan or spanish version.

BIBLIOGRAPHY

Basic:

- Plans molt especials. [Barcelona]: Col·legi d'Arquitectes de Catalunya, Demarcació de Barcelona, 2005. ISBN 8496185702.
- Planeamiento urbanístico: de la controversia a la renovación. Barcelona: Diputació de Barcelona, Xarxa de Municipis, 2003. ISBN 8477949352.
- Picon, A. Digital culture in architecture: an introduction for the design professions. Basel: Birkhäuser, 2010. ISBN 9783034602594.

Complementary:

- Esteban, J. L'ordenació urbanística: conceptes, eines i pràctiques. 2a ed. Barcelona: Diputació de Barcelona, 2007. ISBN 9788498032574.
- Galindo, J.; Sabaté, J.. The evolution of an urban design method. Bussum: Troth Publishers, 2002.
- La práctica del urbanismo. Madrid: Síntesis, 2011. ISBN 9788497567305.
- Sabaté, J. El proyecto de la calle sin nombre: los reglamentos urbanos de la edificación París-Barcelona. Barcelona: Fundación Caja de Arquitectos, 1999. ISBN 8492259477.
- La Digitalización toma el mando. Barcelona: Gustavo Gili, 2009. ISBN 9788425222757.
- The Digital Turn in Architecture 1992-2012. Chichester: Wiley, 2013. ISBN 9781119951742.