



Course guide

290642 - URBANIV14 - Urban Design IV

Last modified: 05/07/2024

Unit in charge: Vallès School of Architecture
Teaching unit: 740 - DUTP - Department of Urbanism, Territory and Landscape.
Degree: DEGREE IN ARCHITECTURE STUDIES (Syllabus 2014). (Compulsory subject).
Academic year: 2024 **ECTS Credits:** 5.0 **Languages:** Catalan, Spanish

LECTURER

Coordinating lecturer: CARLOS JUAN LLOP TORNE

Others:

Primer quadrimestre:
CARLOS JUAN LLOP TORNE - 1
CATALINA SALVÀ MATAS - 1

Segon quadrimestre:
CARLOS JUAN LLOP TORNE - 1
CATALINA SALVÀ MATAS - 1

PRIOR SKILLS

Basic knowledge of urban planning, urban and territorial planning, and legal and management instruments; basic knowledge of urban and territorial structures.
Willingness to understand urban and territorial scales, to analyze and formulate assessments and to propose project logics.

REQUIREMENTS

Having followed the previous courses of the Urban Planning program of the ETSAV or similar in the other schools where the students come from

DEGREE COMPETENCES TO WHICH THE SUBJECT CONTRIBUTES

Specific:

EP1G. An aptitude for removing architectural barriers (T).
EP3G. An aptitude for cataloguing built and urban heritage and planning its protection (T).
EP11G. The ability to draft civil works projects (T).
EP12G. The ability to design and execute urban blueprints and urban development, gardening and landscape projects (T).
EP14G. The ability to produce environmental, landscape and environmental impact correction studies (T).
EP19G. Adequate knowledge of ecology, sustainability and the principles of conservation of energy resources and environmental resources.
EP20G. Adequate knowledge of architectural, urban planning and landscaping traditions in Western culture, as well as their technical, climatic, economic, social and ideological foundations.
EP22G. Adequate knowledge of the relationship between cultural patterns and the social responsibilities of architecture.
EP24G. Adequate knowledge of urban sociology, theory, economics and history.
EP25G. Adequate knowledge of the methodological foundations of urban and spatial planning.
EP26G. Knowledge of civil, administrative, urban planning, building construction and industrial regulations pertaining to professional practice.
EP29G. Knowledge of mechanisms for drafting and managing urban plans on any scale.

Generical:

CE1. An aptitude for creating architectural projects that meet both aesthetic and technical demands.

CE4. Adequate knowledge of urbanism, planning and the techniques that are applied in the planning process

TEACHING METHODOLOGY

LEARNING OBJECTIVES OF THE SUBJECT

Concepts of urban and territorial projection. Territorial strategies to address the relevant issues of contemporary spatial planning and city planning:

Capacity for analysis at the urban and territorial scale. Ability to synthesize the problems and opportunities of urban systems and

Territorial relations. Ability to present plans and projects in the context of work in the local world.

STUDY LOAD

Type	Hours	Percentage
Self study	70,0	56.00
Hours large group	27,5	22.00
Hours medium group	27,5	22.00

Total learning time: 125 h

CONTENTS

Syllabus

Description:

City Projects in the territorial - mosaic - city

Places and emerging themes of the metropolitan Barcelona project

TERRITORIAL SITUATIONS - PROJECT LOGICS

Specific objectives:

To introduce the student to the city project based on relevant contemporary urban themes and topics by means of an investigation of the various types of urban and territorial projects that constitute the ideas for a city project and the intervention at a territorial scale, using as a reference study case in the metropolis of Barcelona.

Orientation index of theoretical sessions:

1. The process of global urbanization and territories in the 21st century.
2. The Territorial Mosaic City as a form of interpretation and project of the contemporary city.
3. The formation of the Metropolitan Region of Barcelona and the Metropolitan Territorial Plan.
4. Articulations and the regeneration of places and neighborhoods with added value.
5. Urban acupuncture and urban and territorial spine operations.
6. Approach to strategies of social metabolism and ecological urbanism.
7. Metropolitan networks (1) ecological-landscape.
8. Metropolitan networks (2). Road and mobility systems. (The new mobilities: autonomous, Maas and Personal Rapid Transit)

Related activities:

Field work trips and visits to Institutions

Participation in international research projects

Full-or-part-time: 55h

Theory classes: 27h 30m

Practical classes: 27h 30m



title english

Description:

content english

Full-or-part-time: 2h

Theory classes: 1h

Practical classes: 1h

GRADING SYSTEM

The course will be developed in the form of a seminar, based on theoretical presentation sessions on key topics in the contemporary city project and sessions in the form of a seminar on the exercise proposal.

A list of topics or project areas to be analyzed will be distributed among the students. Those in charge of each theme will present, in the corresponding sessions, the theme developed and will hand over a dossier of the exhibition at the end of their intervention.

The evaluation of the course will be based on attendance and collaborative follow-up at all sessions, based on the presentation of the work and the dossiers prepared by each student or group of students (maximum three).

BIBLIOGRAPHY

Basic:

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- Llop, Carles; Calvo, Adrià; Marincioni, Mara. "Mocions i lògiques d'intervenció en el projecte territorial contemporani de les regions urbanes". L'Explosió de la ciutat. Barcelona: Col·legi d'Arquitectes de Catalunya : Fòrum Universal de les Cultures, 2004. p. 364-379.
- La Explosión de la ciudad = The explosion of the city : transformaciones territoriales en las regiones urbanas de la Europa Meridional : territorial transformations in the South Europe urban regions. Barcelona: Ministerio de Vivienda : Col·legi Oficial d'Arquitectes de Catalunya, 2007. ISBN 8496387259.
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Complementary:

- Monclús, Francisco Javier. La Ciudad dispersa : suburbanización y nuevas periferias. Barcelona: Centre de Cultura Contemporània de Barcelona, 1998. ISBN 8488811357.
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RESOURCES

Hyperlink:

- Mapas geològics / hídrics. Resource
- Mapas històrics (con toponímia). Resource
- Artículos sobre infraestructuras ecosistémicas. Resource
- Programació de la docència de l'assignatura. <https://etsav.upc.edu/ca/estudis/gearq/guia20-21/annex/290642.pdf>