

Course guide

290615 - URBAl14 - Environment, Free Space and City

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: JOAN SOLA FONT

Others: Primer quadrimestre:
JOAN SOLA FONT
ELENA ALBAREDA
Segon quadrimestre:
JOAN SOLA FONT
ELENA ALBAREDA

DEGREE COMPETENCES TO WHICH THE SUBJECT CONTRIBUTES

Specific:

EP3G. An aptitude for cataloguing built and urban heritage and planning its protection (T).

EP7G. The ability to design functional programmes for buildings and urban spaces (T).

EP18G. Adequate knowledge of methods for studying social needs, quality of life, habitability and basic housing programmes.

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.

Generical:

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

TEACHING METHODOLOGY

LEARNING OBJECTIVES OF THE SUBJECT

The aims of the course in relation to the knowledge of the city and its own environment are:

- The study of the city like overlapping layers of information (palimpsest): medium, infrastructure and urban fabric.
- The environment understood as the matrix biophysical and landscape of the place.
- Infrastructure, equipment and services such as the public system that ensures the urban condition of the city.
- The urban fabric as the built system of residence forms, activity and leisure.

This course intends to students to acquire the following skills:

- Understand the geographical, historical, economic and environmental reasons for the location of the city
- Decrypt the particular conditions of each place.
- Perform a systemic reading of the infrastructures and the tissues of the city
- Recognize and interpret urban processes.
- Estimate the capabilities of adaptation i recycling or reuse of the urban fabrics and the city.

Finally, in relation to instruments of analysis and expression:

- Know and use the urban and territorial cartography.
- Work with different documentation referring to the city and the territory.

To achieve these objectives, the course is organized into three thematic blocks:

The study of the urban fabric of the city, the study of systems and urban networks, and the study of the relations of the city with the territorial medium. Each of the blocks has a series of texts and selected articles to develop the theoretical basis of the course.

STUDY LOAD

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

Total learning time: 125 h



CONTENTS

Syllabus

Description:

The course is organized into two types of teaching: theoretical and practical.

The theoretical activities in two ways:

The introductory lectures to the beginning of each thematic block will be given by teachers and the rest of the classes will be organized around the presentation and discussion of selected texts or articles for each thematic block. Every students group will present each of these texts and they must be completed at the final submission.

These theoretical sessions and its contents shall be evaluated through an individual exercise in critical thinking at the end of each thematic block. Presentations of texts and the individual exercises will be subject to assessment and will make up the final score.

Practical activities are developed in two ways:

The first and main, focuses on the development of a series of interpretative graphic or volumetric documents of the proposed intermediate city. The whole of the cities studied after several courses of this subject will be an Atlas from which to establish relations, reflections and relevant conclusions.

The city will be explored through different approaches: the initial visit, the interpretation of the urban fabric of the city, the interrelationship of its urban systems and the relations of the city with its territorial medium.

The second practice of the workshop will focus on the empirical study of an urban project built. A visit in which a teacher or guest professional will discuss various aspects of the project will be organized. This exercise will take place at the end each thematic block and will be subject to evaluation.

From the day of presentation of the course will be organized working groups and the assignment of the city or part of the object of study city as well as also reviewed items that must be. The calendar of course shared sessions throughout the course, setting dates of review work and deliveries.

Full-or-part-time: 55h

Theory classes: 27h 30m

Practical classes: 27h 30m

GRADING SYSTEM

BIBLIOGRAPHY

Basic:

- "El medio natural". Vilar, Pierre, 1906-. Cataluña en la España moderna : investigaciones sobre los fundamentos económicos de las estructuras nacionales. Barcelona: Crítica, 1978. Vol. 1, p. 133-146.
- Nadal, Jordi. "El aumento de la población, una falsa pista". Nadal, Jordi, 1929-. El Fracaso de la revolución industrial en España 1814-1913. Barcelona: Ariel, 1975. p. 15-24.
- Busquets, Joan. "Macrocefalia barcelonina o ciutats catalanes?". Busquets, Joan, 1946-. Barcelona : la construcción urbanística de una ciudad compacta. Barcelona: Ediciones del Serbal, 2004. p. 274-281.
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- Solà-Morales, Manuel de. "Les formes del creixement urbà". Solà-Morales, Manuel de. Les Formes de creixement urbà. Barcelona: Edicions UPC, 1993. p. 19-23.
- Solà-Morales, Manuel de [et al.]. "La relació morfologia-localització". Solà-Morales, Manuel de. Les Formes de creixement urbà. Barcelona: Edicions UPC, 1993. p. 71-91.
- Serra Riera, Enric. Geometria i projecte del sòl als orígens de la Barcelona moderna : la vila de Gràcia. Barcelona: Edicions UPC, 1995. p. 39-43; p. 125-145.
- Solà-Morales, Manuel de. Deu lliçons sobre Barcelona : els episodis urbanístics que han fet la ciutat moderna = Ten lessons on Barcelona : urbanistic episodes that have made the modern city. Barcelona: Col·legi d'Arquitectes de Catalunya, 2008. capítol 3.
- Corominas i Ayala, Miquel. "Cerdà, geòmetra". Ciudad y territorio. Estudios territoriales. 1999, núm. 119-120, p. 209-220.
- Franquesa, Jordi. "Las comunidades jardín. Antiguas intuiciones para nuestras nuevas ciudades". Revista Iberoamericana de urbanismo [on line]. [Consultation: 01/07/2015]. Available on: <http://hdl.handle.net/2117/12837>.
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- Ferrer i Aixalà, Amador. Els Polígons de Barcelona : l'habitatge massiu i la formació de l'àrea metropolitana. Barcelona: Edicions UPC, 1996. ISBN 8483011409.
- Dupuy, Gabriel. "El desenvolupament de les xarxes a la ciutat". Dupuy, Gabriel. L'Urbanisme de les xarxes : teories i mètodes. Barcelona [etc.] : [Barcelona]: Oikos-tau ; Generalitat de Catalunya, Departament de Política Territorial i Obres Públiques, 1996. p. 35-54.
- Busquets, Joan. "Los espacios urbanos y el espacio verde". Busquets, Joan. Barcelona : la construcción urbanística de una ciudad compacta. Barcelona: Ediciones del Serbal, 2004. p. 356-364.
- Pié, Ricard. "Naixement, mort i resurrecció dels mercats municipals". Dau: debats d'arquitectura i urbanisme. 2005, núm. 25, p. 23-29.
- Font, Antonio. "Morfologías metropolitanas contemporáneas de la baja densidad". Indovina, Francesco. La Ciudad de baja densidad : lógicas, gestión y contención. [Barcelona]: Diputació de Barcelona, Xarxa de Municipis, 2007. p. 97-107.
- Pié, Ricard. "Un turismo sin arquitectura o una arquitectura sin argumentos". Pié Ninot, Ricard; Rosa Jiménez, Carlos; Nogueira Bernárdez, Belén. Turismo líquido. Barcelona : Màlaga: Instituto Hábitat, Turismo, Territorio a través de Iniciativa Digital Politècnica (UPC) : Universitat Politècnica de Catalunya ; Universidad de Málaga, cop. 2013. p. 6-37.
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- Solà-Morales, Manuel de. "Cuatro paradigmas para un curso de ética urbanística". Font Arellano, Antonio; Corominas Ayala, Miquel; Sabaté Bel, Joaquim. Los Territorios del urbanista : 10 años : 1994-2004 = the territories of the urbanist : 10 years : 1994-2004. Barcelona: Edicions de la Universitat Politècnica de Catalunya, cop. 2005. p.63-69.