



Course guide

210704 - APCT - Urban and Regional Analysis and Planning

Last modified: 14/12/2023

Unit in charge: Barcelona School of Architecture

Teaching unit: 753 - TA - Department of Architectural Technology.

Degree: MASTER'S DEGREE IN ADVANCED STUDIES IN ARCHITECTURE-BARCELONA (Syllabus 2015). (Optional subject).

MASTER'S DEGREE IN ARCHITECTURE (Syllabus 2015). (Optional subject).

Academic year: 2023

ECTS Credits: 5.0

Languages: Spanish, English

LECTURER

Coordinating lecturer: BLANCA ESMARAGDA ARELLANO RAMOS

Others:

Primer quadrimestre:

BLANCA ESMARAGDA ARELLANO RAMOS - Grup: GVUA1

CARLOS PEREZ LAMAS - Grup: GVUA1

TEACHING METHODOLOGY

Go to Spanish or Catalan version.

LEARNING OBJECTIVES OF THE SUBJECT

Go to Spanish or Catalan version

STUDY LOAD

Type	Hours	Percentage
Self study	80,0	64.00
Hours small group	30,0	24.00
Hours large group	15,0	12.00

Total learning time: 125 h



CONTENTS

title english

Description:

The course presents the analysis of the fundamental elements of urban and territorial structure and dynamic, through modules divided into the following structure:

- a) Urban processes and their impact on urban planning in the city. It is performed to this end, an examination of urban growth and development at worldwide, from the Industrial Revolution to the present, taking into account specific issues such as industrialization, metropolitanization, suburbanization, decentralization of economic activity, the megalopolization, etc.
- b) New urban and territorial paradigms, such as understanding the urban phenomenon in the era of the global extension of the networks of urbanization, urban sprawl v / s the compactness of urban growth, the crisis and decay of urban centres, monocentric and polycentric models of growth, the current evolution of the city "post Fordism", economy and the city of knowledge, environmental, economic and social sustainability of urban structures, immigration and social segregation, gated communities, among others.
- c) The analysis techniques applied to the understanding of urban processes, such as delimitation systems of territorial systems, prospective analysis (and consequential sizing) of population and employment needs, the spatial structure of cities and metropolitan areas, ..., aimed at land use planning and design of urban policies.
- d) The structure of the system of territorial and urban planning, as well as its determinations, face to urban management at different scales. Different planning instruments, beginning with the European framework, reviewing the European Territorial Strategy, as the Spanish and Catalan. The powers and scope of the different types of territorial, urban and sectors planning (mobility, housing...), with special attention on the determinations that affect the design of policies that affect their implementation and management.

Specific objectives:

The main objectives of this course are, firstly, encourage the conceptual understanding and critical reflection on the processes of growth and development of cities and their territorial environments, basically since the industrial revolution to the present.

Second, examine and discuss the contemporary challenges of the territorial and urban problems that have to face technicians and politicians involved in the field of planning and city management.

Finally, the matter seeks that the student knows the system of territorial and urban planning from both, a legal and regulatory point of view and in their involvement in the management. To that effect the types of plans, their characteristics and regulatory hierarchical relationships among these are exposed, all aimed at the management and implementation planning at territorial and urban scale.

Full-or-part-time: 125h

Theory classes: 15h

Laboratory classes: 30h

Self study : 80h

GRADING SYSTEM

Brief reading controls and practices, individual and/or group, will take place during the classes, in which specific aspects of the contents will be evaluated.

End jobs or workshops, individual and/or group, will be developed to be delivered after finish of classes.

Also it is considered at least 80% of class attendance.

Continuous telematic evaluation

In online teaching situations, continuous assessment will be carried out synchronously and asynchronously by the means established by the University and the School, with a periodic record of academic activity through submissions, forums, questionnaires or any other means facilitated by the Atenea platform, or the alternatives provided to the teaching staff. In the situations in which this telematic teaching is a product of face-to-face teaching that has already begun, or for questions of extra-academic order, the changes in the weightings or regular control systems of the teaching will be communicated in detail to all students by the Athena of each subject.

Telematic final evaluation

If the continuous telematic evaluation is not positive, a second evaluation can be carried out, which will consist of a final test of a global nature in telematic format that will be established in accordance with the criteria of the professor responsible and the media and ICTs provided by the University or School.

The measures for adaptation to non-classroom teaching will be implemented in accordance with the criteria of ICT security and personal data protection to ensure compliance with the legislation on Personal Data Protection (RGPD and LOPDGDD)

BIBLIOGRAPHY

Basic:

- Hall, P. Ciudades del mañana: historia del urbanismo en el siglo XX. Barcelona: Ediciones del Serbal, 1996. ISBN 8476281900.
- Calthorpe, P. The next American metropolis: ecology, community, and the American dream. New York: Princeton Architectural Press, 1993. ISBN 1878271687.
- Mumford, L. La ciudad en la historia: sus orígenes, transformaciones y perspectivas. Logroño: Pepitas de calabaza, 2012. ISBN 9788493943783.
- Jacobs, J. Muerte y vida de las grandes ciudades. Madrid: Capitán Swing Libros, 2011. ISBN 9788493898502.
- Garreau, J. Edge city: life on the new frontier. New York (NY): Doubleday, 1992. ISBN 0385424345.

Complementary:

- Urban Europe: a study of urban growth and decline. Oxford: Pergamon, 1982. ISBN 008023156X.
- Arellano Ramos, Blanca Esmaragda; Roca Cladera, Josep. "El urban sprawl, ¿un fenómeno de alcance planetario? Los ejemplos de México y España". ACE : architecture, city and environment = arquitectura, ciudad y entorno [on line]. 2010, vol. 4, núm. 12, p. 115-148 [Consultation: 17/06/2020]. Available on: <http://upcommons.upc.edu/handle/2099/8556>.
- Hall, Peter; Pain, Kathy. The Polycentric metropolis: learning from mega-city regions in Europe. London: Earthscan, 2006. ISBN 9781844073290.
- Urbanization and counterurbanization vol. 1. Beverly Hills, Calif.: Sage, 1976.
- ETE: Estrategia Territorial Europea: hacia un desarrollo equilibrado y sostenible de la UE. Luxemburgo: Oficina de Publicaciones Oficiales de las Comunidades Europeas, 1999. ISBN 9282876543.