

BASIC DETAILS:

Subject:	URBANISMO I		
Id.:	30208		
Programme:	GRADUADO EN ARQUITECTURA. PLAN 2009 (BOE 21/03/2015)		
Module:	PROYECTUAL		
Subject type:	OBLIGATORIA		
Year:	2	Teaching period:	Primer Cuatrimestre
Credits:	3	Total hours:	75
Classroom activities:	30	Individual study:	45
Main teaching language:	Inglés	Secondary teaching language:	Castellano
Lecturer:	ALVAREZ ATARES, FRANCISCO JAVIER (T)	Email:	fjalvarez@usj.es

PRESENTATION:

Urbanism I is an introductory course to Urban Studies in Architecture's degree. Students will be introduced into some of the most determinant elements in the configuration of city's shape as well as urban fabric and landscape: streets, squares, plots and building typologies. Through their analysis and the study of the relationships established between them, students will be capable of synthesizing -from their own personal perspective- how cities are shaped.

The course's ultimate goals are the development of a critical vision regarding those topics and the ability of developing urban proposals that take them into account. They will be achieved through a series of theoretical lectures aimed to understand their socio-historical fundamentals as well as practical lessons aimed to analyse them at different scales and zones that will lead to the development of an urban project.

PROFESSIONAL COMPETENCES ACQUIRED IN THE SUBJECT:

General programme competences	G03	Ability for autonomous learning and self-criticism.
	G04	Ability to transfer the knowledge acquired in practical work and skills to the field of work.
	G05	Demonstrate creativity, independence of thought, autonomy.
	G06	Demonstrate critical and analytical ability to conventional approaches of the discipline.
	G07	Demonstrate capacity for innovation, creativity and initiative.
	G08	Incorporate social and humanistic knowledge to an all-encompassing university education.
	G10	Formulate proposals for social transformation from a critical and constructive point of view.
	G11	Ability to act, make decisions and take initiatives based on their own convictions and ethical behaviour.
	G12	Knowledge of culture and society as a pillar of human reality.
Specific programme competences	E01	Ability to: Apply the graphic procedures to the representation of spaces and objects (T); Design and represent the visual attributes of objects and master proportion and drawing techniques, including computer-based techniques (T).
	E02	Knowledge adapted and applied to architecture and urbanism of: The spatial representation systems; Analysis and theory of form and laws of visual perception; The metric and projective geometry; Graphic survey techniques in all its phases, from drawing notes to scientific restitution. The principles of general mechanics, statics, the geometry of masses and vector and tensor fields; The principles of thermodynamics, acoustics and optics; The principles of fluid, hydraulics, electricity and electromagnetism mechanics; the basis of topography and mapping and terrain modification techniques.
	E09	Suitability for design, practice and development of: Basic execution projects, sketches and drafts (T); Urban Projects (T); Construction management (T).
	E10	Ability to: Develop functional programmes of buildings and urban spaces; Intervene in and conserve, restore and rehabilitate the built heritage (T); Remove architectural barriers (T); Undertake architectural criticism; Solve the passive environmental conditioning, including thermal and acoustic insulation, climate control, energy efficiency and natural lighting (T); Catalogue built and urban heritage and plan its protection.
Regulated profession competences	P01	Ability to create architectural designs that satisfy both aesthetic and technical requirements.
	P02	Adequate knowledge of the history and theories of architecture as well as the arts, technology and human sciences.
	P03	Knowledge of the fine arts as an influence on the quality of architectural design.
	P04	Adequate knowledge of urban design, planning and the skills involved in the planning process.
Learning	R01	Properly understand the role of the architect in urban planning as a professional potentially

outcomes		required to act on the problems of the city and its territory.
	R02	Understand urban planning and its complex, transversal and multifaceted character.
	R03	A better understanding of the history and theories of urban development and arts, technologies and human sciences, as introductory training for subsequent courses.
	R04	Have the aptitude for analysis of urban space and the shape of the city in order to identify opportunities for intervention, based on knowledge of urban reality.
	R05	Have the ability to know and convey concepts and fundamental theories of urban development, establish relations between them and the cases under study, and know relevant questions and hypotheses from an urban development point of view.
	R06	Be able to cope with complex urban problems from creativity, demonstrating adequate levels of aesthetic and environmental sensitivity, analysis and synthesis resources, oral and written expression, ability to work individually and as a team, self-commitment, reasoning and self-criticism ability, order and rigour.
	R07	Have knowledge -at an introductory level- urban planning level, legislation applicable to urban development, the different types of plans and spatial planning instruments.

PRE-REQUISITES:

In addition to general purpose academic requisites:

- Sufficient skills in drawing and graphical expression (both, manually and digitally) as analytical and propositive tools aimed to favour intellectual synthesis and discourses regarding complex matters.
- Active attitude and willingness to participate in class' discussions an research topics on their own.

NOTE: Students must attend to the course with the sole exception of repeating students who are also enrolled in other courses that take place simultaneously. Students in this situation must attend to the newly enrolled one, yet they are compelled to keep their tasks updated and comply with any planned deadline. Additionally, they should inform the teacher about their situation, should they need to make any adjustments on their schedule.

SUBJECT PROGRAMME:

Subject contents:

1 - INTRODUCTION
2 - THEORY AND HISTORY OF URBANISM
2.1 - Cities in ancient times
2.2 - Roman city: typology and planning
2.3 - Medieval city
2.4 - Renaissance city
2.5 - Baroque city
3 - URBAN MORPHOLOGY
3.1 - The street: types, measures, rithms and sequences
3.2 - The square: types, measures, uses and functions
3.3 - Urban analysis: methodology and representation
4 - URBAN PROJECT

Subject planning could be modified due unforeseen circumstances (group performance, availability of resources, changes to academic calendar etc.) and should not, therefore, be considered to be definitive.

TEACHING AND LEARNING METHODOLOGIES AND ACTIVITIES:

Teaching and learning methodologies and activities applied:

This course uses an active learning approach aimed to promote students' autonomy, reflection and participation through the lenses of Content Language Integrated Learning (CLIL). In order to do so, a mixed of participatory theoretical classes and practical workshops will be made. In both of them, students will be encourage to participate and build new knowledge based on previous classes and their prior own knowledges.

Student work load:

Teaching mode	Teaching methods	Estimated hours
Classroom activities	Master classes	10
	Other theory activities	3
	Coursework presentations	1
	Workshops	14
	Assessment activities	2
Individual study	Individual study	12
	Project work	18
	Research work	12
	Other individual study activities	3
Total hours:		75

ASSESSMENT SCHEME:

Calculation of final mark:

Written tests:	20	%
Assignments:	30	%
Urban project (analysis):	25	%
Urban project (proposal):	25	%
TOTAL	100	%

*Las observaciones específicas sobre el sistema de evaluación serán comunicadas por escrito a los alumnos al inicio de la materia.

BIBLIOGRAPHY AND DOCUMENTATION:

Basic bibliography:

VITTORIO FRANCHETTI PARDO; ENRICO GUIDONI Y ANGELA MARINO. Historia del Urbanismo, siglos XIV-XVI. Madrid. IEAL, 1985.
LEONARDO BENEVOLO. Diseño de la ciudad, volumen II (Arte y ciudad Antigua) y volumen III (Arte y ciudad Medieval). Barcelona: Gili, 1982.

Recommended bibliography:

Morris, Anthony Edwin James. Historia de la forma urbana : Desde sus orígenes hasta la revolución industrial. Barcelona: Gili, 1984.
Unwin, Raymond. La práctica del urbanismo: Una introducción al arte de proyectar ciudades y barrios. Barcelona: Gili, 1984.
GEHL, Jan. La humanización del espacio urbano: La vida social entre los edificios. Barcelona: Reverte, 2006
Rem Koolhaas, Harvard Project on the City: Stefano Boeri, Multiplicity: Sanford Kwinter: Nadia Tazi, Hans Ulrich Obrist. MUTATIONS. Barcelona: Actar; Bordeaux, France: Arc en rêve centre d'architecture, 2000.
KRIER, Robert. El espacio urbano. Barcelona: Gili, 1985
Mumford, Lewis. La ciudad en la historia: Sus orígenes, transformaciones y perspectivas. Translated by Enrique L Revol. Buenos Aires: Infinito, 1979.

Recommended websites:

ISOCARP: The International Society of City	http://www.isocarp.org/
EURA: The European Urban Research Ass	http://www.eura.org/
CEU: Conseil Européen des urbanistes.	http://www.ceu-ectp.eu/
AESOP: Association of European Schoools	http://www.aesop-planning.eu/
EUROPAN	http://www.euopan-europe.eu/

El Orden urbano: Análisis del espacio urbano

<https://elordenurbano.com/analisis-espacio-urbano/>