Teaching Guide				
Identifying Data				2020/21
Subject (*)	Urbanism 2		Code	630G02024
Study programme	Grao en Estudos de Arquitectura			
Descriptors				
Cycle	Period	Year	Type	Credits
Graduate	1st four-month period	Third	Obligatory	6
Language	Galician			
Teaching method	Face-to-face			
Prerequisites				
Department	Proxectos Arquitectónicos, Urbanismo e Composición			
Coordinador	Conde Garcia, Jesus	E-mail	jesus.conde@udc.es	
Lecturers	Beltran Pedreira, Jose Ricardo Conde Garcia, Jesus Gonzalez Harguindey, Javier	E-mail	ricardo.beltran@udc.es jesus.conde@udc.es javier.harguindey@udc.es	
Web				
General description	O curso plantease como unha introducción xeral aos diversos temas que se desenrolarán máis adiante en sucesivas asignaturas da area de urbanismo. Tratarase de introducir ó alumno na disciplina urbanística, familiarizándoo con coñecementos de carácter instrumental e básico que faciliten, en niveis superiores, o seu su enfrontamento co proxecto de escala territorial e urbana. A asignatura estructúrase en dúas partes: teoría e práctica, estreitamente relacionadas e que se desenrolan paralelamente ao longo do curso. A avaliación do alumno dependerá, además da súa participación na materia específica, na que se estima unha asistencia mínima obligatoria dun 80%, da participación e entregas realizadas no conxunto do Taller 5, a onde se vincula parte da práctica da asignatura.			
Contingency plan	1. Modifications to the contents 2. Methodologies *Teaching methodologies that are maintained *Teaching methodologies that are modified 3. Mechanisms for personalized attention to students 4. Modifications in the evaluation *Evaluation observations: 5. Modifications to the bibliography or webgraphy			

Study programme competences	
Code	Study programme competences
A34	Ability to design, implement and develop sketches and drafts, concept designs, developed designs and technical designs (T)
A35	Ability to design, implement and develop urban projects (T)
A37	Ability to develop functional programs for buildings and urban spaces (T)
A39	Ability to remove architectural barriers (T)
A42	Ability to catalogue the built and urban heritage and plan its protection (T)
A45	Ability to design and execute urban layouts and urbanization, gardening and landscape design projects (T)
A46	Ability to apply standards and urban regulations
A50	Adequate knowledge of the methods of studying the processes of symbolization, practical functions and ergonomics
A51	Adequate knowledge of the methods of studying the social requirements, living conditions, habitability and basic housing programmes

A52	"Adequate knowledge of ecology, sustainability and the principles of conservation of energy and environmental resources. "
A53	Adequate knowledge of the architectural, urban and landscape traditions of Western culture, as well as their technical, climatic, economic, social and ideological foundationsxicos.
A56	Adequate knowledge of the foundations of vernacular architecture
A58	Adequate knowledge of the methodological foundations of territorial, metropolitan and urban planning.
A59	Knowledge of the mechanisms of development and management of urban planning at all scales
A63	Development, presentation and public review before a university jury of an original academic work individually elaborated and linked to any of the subjects previously studied
B1	Students have demonstrated knowledge and understanding in a field of study that is based on the general secondary education, and is usually at a level which, although it is supported by advanced textbooks, includes some aspects that imply knowledge of the forefront of their field of study
B2	Students can apply their knowledge to their work or vocation in a professional way and have competences that can be displayed by means of elaborating and sustaining arguments and solving problems in their field of study
B3	Students have the ability to gather and interpret relevant data (usually within their field of study) to inform judgements that include reflection on relevant social, scientific or ethical issues
B6	Knowing the history and theories of architecture and the arts, technologies and human sciences related to architecture
B8	Knowing the urbanism and techniques applied in the planning process
B12	Understanding the relationship between people and buildings and between these and their environment, and the need to relate buildings and the spaces between them according to the needs and human scale
C1	Adequate oral and written expression in the official languages.
C3	Using ICT in working contexts and lifelong learning.
C4	Exercising an open, educated, critical, committed, democratic and caring citizenship, being able to analyse facts, diagnose problems, formulate and implement solutions based on knowledge and solutions for the common good
C5	Understanding the importance of entrepreneurial culture and the useful means for enterprising people.
C6	Critically evaluate the knowledge, technology and information available to solve the problems they must face
C7	Assuming as professionals and citizens the importance of learning throughout life
C8	Valuing the importance of research, innovation and technological development for the socioeconomic and cultural progress of society.

Learning outcomes			
Learning outcomes	Study programme competences		
The student must know what is mapping and how it is made. You should know how to use, recognize their language, the elements that compose it, as well as the methodology used to know and represent the means, both from its physical, human and built component.	A34 A35 A37 A39 A42 A45 A46 A50 A51 A52 A53 A56 A58 A59 A63	B1 B2 B3 B6 B8 B12	C1 C3 C4 C5 C6 C7 C8

The student must know the meaning of the elements and relationships that define the urban structure, understanding the importance of the management of the building typologies and design of public space. You must know to describe an architectural typology designed by himself and define public space related to mobility and the stay.	A34 A35 A37 A39 A42 A45 A46 A50 A51 A52 A53 A56 A58 A59 A63	B1 B2 B3 B6 B8 B12	C1 C3 C4 C5 C6 C7 C8
The student must know the regulations applicable to the studio space, recognize the levels of application and know the structure of the urban planning documents. You should know establish limits of soil, recognize qualities and propose its proper use.	A34 A35 A37 A39 A42 A45 A46 A50 A51 A52 A53 A56 A58 A59 A63	B1 B2 B3 B6 B8 B12	C1 C3 C4 C5 C6 C7 C8
Student must reach the competition to lead and integrate into a multidisciplinary team capable of developing urban information documents related to the planning, at different scales, playing with the urban rules and elements of the urban structure from a propositional standpoint.	A34 A35 A37 A39 A42 A45 A46 A50 A51 A52 A53 A56 A58 A59 A63	B1 B2 B3 B6 B8 B12	C1 C3 C4 C5 C6 C7 C8

Contents	
Topic	**Sub-topic**

MODULE I: PLANNING INFORMATION	I.I. CONCEPT I.II. SOURCES I.III. MAPPING. SIG I.IV. METHODOLOGY. PHYSICAL I.V. METHODOLOGY. BUILT ENVIRONMENT AND HUMAN
MODULE II: LEGAL FRAMEWORK	II.I. LEGISLATION II.II. SOIL CLASSIFICATION II.III. TERRITORIAL PLANNING INSTRUMENTS II.IV. MUNICIPAL PLANNING INSTRUMENTS
MODULE III: URBAN STRUCTURE	III.I. PUBLIC SPACE AND SYSTEMS III.II. LAND USE AND FRAGMENTATION III.III. BUILDING TYPES III.IV. URBAN LANDSCAPE

Planning				
Methodologies / tests	Competencies	Ordinary class hours	Student?s personal work hours	Total hours
Workshop	A34 A35 A37 A39 A42 A45 A46 A50 A51 A52 A53 A56 A58 A59 A63 B1 B2 B3 B6 B8 B12 C1 C3 C4 C5 C6 C7 C8	30	60	90
Field trip	A34 A35 A37 A39 A42 A45 A46 A50 A51 A52 A53 A56 A58 A59 A63 B1 B2 B3 B6 B8 B12 C1 C3 C4 C5 C6 C7 C8	3	3	6
Directed discussion	A34 A35 A37 A39 A42 A45 A46 A50 A51 A52 A53 A56 A58 A59 A63 B1 B2 B3 B6 B8 B12 C1 C3 C4 C5 C6 C7 C8	2	0	2
Introductory activities	A34 A35 A37 A39 A42 A45 A46 A50 A51 A52 A53 A56 A58 A59 A63 B1 B2 B3 B6 B8 B12 C1 C3 C4 C5 C6 C7 C8	1	0	1
Objective test	A34 A35 A37 A39 A42 A45 A46 A50 A51 A52 A53 A56 A58 A59 A63 B1 B2 B3 B6 B8 B12 C1 C3 C4 C5 C6 C7 C8	1	0	1

Supervised projects	A34 A35 A37 A39 A42 A45 A46 A50 A51 A52 A53 A56 A58 A59 A63 B1 B2 B3 B6 B8 B12 C1 C3 C4 C5 C6 C7 C8	7	0	7
Multiple-choice questions	A34 A35 A37 A39 A42 A45 A46 A50 A51 A52 A53 A56 A58 A59 A63 B1 B2 B3 B6 B8 B12 C1 C3 C4 C5 C6 C7 C8	1	0	1
Document analysis	A34 A35 A37 A39 A42 A45 A46 A50 A51 A52 A53 A56 A58 A59 A63 B1 B2 B3 B6 B8 B12 C1 C3 C4 C5 C6 C7 C8	5	0	5
Diagramming	A34 A35 A37 A39 A42 A45 A46 A50 A51 A52 A53 A56 A58 A59 A63 B1 B2 B3 B6 B8 B12 C1 C3 C4 C5 C6 C7 C8	2	0	2
Student portfolio	A34 A35 A37 A39 A42 A45 A46 A50 A51 A52 A53 A56 A58 A59 A63 B1 B2 B3 B6 B8 B12 C1 C3 C4 C5 C6 C7 C8	3	0	3
ICT practicals	A34 A35 A37 A39 A42 A45 A46 A50 A51 A52 A53 A56 A58 A59 A63 B1 B2 B3 B6 B8 B12 C1 C3 C4 C5 C6 C7 C8	5	0	5
Workbook	A34 A35 A37 A39 A42 A45 A46 A50 A51 A52 A53 A56 A58 A59 A63 B1 B2 B3 B6 B8 B12 C1 C3 C4 C5 C6 C7 C8	8	0	8
Practical test:	A34 A35 A37 A39 A42 A45 A46 A50 A51 A52 A53 A56 A58 A59 A63 B1 B2 B3 B6 B8 B12 C1 C3 C4 C5 C6 C7 C8	2	0	2

Mixed objective/subjective test	A34 A35 A37 A39 A42 A45 A46 A50 A51 A52 A53 A56 A58 A59 A63 B1 B2 B3 B6 B8 B12 C1 C3 C4 C5 C6 C7 C8	2	0	2
Guest lecture / keynote speech	A34 A35 A37 A39 A42 A45 A46 A50 A51 A52 A53 A56 A58 A59 A63 B1 B2 B3 B6 B8 B12 C1 C3 C4 C5 C6 C7 C8	13	0	13
Personalized attention		2	0	2
(*)The information in the planning table is for guidance only and does not take into account the heterogeneity of the students.				

Methodologies	
Methodologies	**Description**
Workshop	Work of analysis, spatial planning and urban design. It develops linked to Workshop 5, which defines the contents of the practice, objectives, documentation and delivery.
Field trip	It is considered essential knowledge about the area being analyzed, so the visit to the site chosen for the job is essential too.
Directed discussion	The results of the workshop will be the subject of discussions directed along the course.
Introductory activities	Presentation of the activities to be carried out in the course and home search from the description of the basic documentary sources
Objective test	Test used to assess knowledge, abilities, skills, performance, skills, attitudes, intelligence, etc., applicable both to evaluate diagnostic, formative, or additive, and can contain both written multiple-choice questions written short, long response and graphic mode.
Supervised projects	Jobs in search of information, analysis or summary in parallel with the work of workshop.
Multiple-choice questions	Objective test consisting of direct questions with several response options that only one of them is valid.
Document analysis	Technical methodology in which relevant audiovisual and bibliographic documents are used for the subject of matter, forming part not only approximation works to solve solution but also the relevant content of the same.
Diagramming	It consists in the elaboration of synthesis of the main contents of the work, being an optimal resource that facilitates understanding of the reality and the explanation of the proposals.
Student portfolio	Overview graphic and written documents that explain specific parts of any specific work done as the models that are made in the course or the putting in order of the urban information.
ICT practicals	Control of the individual work of the workshop through ICT practices.
Workbook	Throughout the course are given a series of readings of support that are helpful to facilitate understanding and assimilation of knowledge and to establish guidelines and open up possibilities to guide the work in the workshop.
Practical test:	Proba na que se busca que o alumno desenvolva total ou parcialmente algunha práctica que previamente tivese feito durante as clases prácticas. A proba práctica pode incluír previamente a resolución dunha pregunta/problema que teña como resultado a aplicación práctica dunha determinada técnica ou práctica aprendida.
Mixed objective/subjective test	Proba que integra preguntas tipo de probas de ensaio e preguntas tipo de probas obxectivas. En canto a preguntas de ensaio, recolle preguntas abertas de desenvolvemento. Ademais, en canto preguntas obxectivas, pode combinar preguntas de resposta múltiple, de ordenación, de resposta breve, de discriminación, de completar e/ou de asociación.
Guest lecture / keynote speech	The various issues relevant to the workshop sessions will be subject to master.

Personalized attention	
Methodologies	**Description**

Supervised projects Directed discussion Field trip Workshop Workbook	<It will focus on the follow-up to the work done by the students, in which is intended to be applied knowledge explained in theory>

Assessment			
Methodologies	**Competencies**	**Description**	**Qualification**
Objective test	A34 A35 A37 A39 A42 A45 A46 A50 A51 A52 A53 A56 A58 A59 A63 B1 B2 B3 B6 B8 B12 C1 C3 C4 C5 C6 C7 C8	Instrumental knowledge contained in the syllabus of expository teaching, theoretical and practical of course will be assessed by an objective test which can contain both written multiple-choice questions written short, long response and graphic form.	50
Workshop	A34 A35 A37 A39 A42 A45 A46 A50 A51 A52 A53 A56 A58 A59 A63 B1 B2 B3 B6 B8 B12 C1 C3 C4 C5 C6 C7 C8	The final work will be valued in its analytical, planning and design. Practical work will be related to the practice of the Workshop 5, in such a way that both the text and the deliveries will be part of the contents of the same. Deliveries will be unique and for the evaluation of the student will be essential to have participated and delivered a complete work of the workshop.	50

Assessment comments
It's a continuous assessment, controlled through class attendance completed with the completion of theoretical and practical tests that allow to check the student absorbed the conceptual content and procedure of the subject. Evaluation of students will depend, in addition to its participation in the specific field, in which it is estimated a compulsory minimum attendance of 80%, participation and supplies made in e set of Workshop 5, where it binds the main practical part of the course. Both the non-realization of the proposed tests and breach of assistance delivery will result in a failed as a qualification of the call. In any case, the final grade of the course will be valued with the average resulting from both written tests grades exams as practice theoretical proofs. The knowledge of the student must be always in any of them above 50%. Evaluation of the student in extraordinary calls will take place by means of a single examination, while those students that do not exceed the part corresponding to the theoretical and practical tests, must also prove the correction and completion of the same. Evaluation of the student in successive registrations held by the same procedure described above. Teaching mobility programmes students will adapt to teaching and special protected works, as well as testing and evaluation tests.

Sources of information	
Basic	AAVV (). Ley 2/2016, de 10 de febrero, del suelo de Galicia (DOG nº34 19/02/2016) + Reglamento (Decreto 143/2016)Juli Esteban i Noguera (). Elementos de Ordenación Urbana. Manuel Solá Morales (). Las Formas de Crecimiento Urbana. Rafael Moneo y AAVV (). Sobre el Concepto de Tipo en Arquitectura. Kevin Lynch (). La Imagen de la Ciudad. AAVV (). UR. AAVV (). Publicaciones del Laboratorio de Urbanismo. José Fariña Tojo (). Clima, Territorio y Urbanismo. Laboratotio de Urbanismo (). Teoría de la proyectación arquitectónica. Xunta de Galicia (). Legislación del Suelo y Directrices de Ordenación.
Complementary	Manuel Castells (). La Cuestión Urbana. Gordon Cullen (). El Paisaje Urbano. Carlos Martí Arís (). Formas de la Residencia en la Ciudad Moderna. AAVV (). Quaderns. Xosé M. Souto (). Xeografía Humana. Augusto Pérez Alberti (). Xeografía de Galicia. O medio. C. Martínez Caro y J.L. de las Rivas (). Arquitectura urbana. Jan Gehl (). La Humanización del espacio urbano.

Recommendations
Subjects that it is recommended to have taken before

Urbanism 1/630G02018
Architectural Design 4/630G02016
Architectural Design 2/630G02006
Architectural Design 3/630G02011
Architectural Design 1/630G02001
Subjects that are recommended to be taken simultaneously
Architectural Design 5/630G02021
Subjects that continue the syllabus
Urbanism 4/630G02032
Architectural Design 6/630G02026
Urbanism 3/630G02029
Other comments

(*)The teaching guide is the document in which the URV publishes the information about all its courses. It is a public document and cannot be modified. Only in exceptional cases can it be revised by the competent agent or duly revised so that it is in line with current legislation.