 UNIVERSIDADE DA CORUÑA

Teaching Guide				
Identifying Data				**2019/20**
Subject (*)	Urbanism 3		**Code**	630G02029
Study programme	Grao en Estudos de Arquitectura			
Descriptors				

Cycle	**Period**	**Year**	**Type**	**Credits**
Graduate	2nd four-month period	Third	Obligatory	6

Language	SpanishGalician		
Teaching method	Face-to-face		
Prerequisites			
Department	Proxectos Arquitectónicos, Urbanismo e Composición		
Coordinador	Beltran Pedreira, Jose Ricardo	**E-mail**	ricardo.beltran@udc.es
Lecturers	Beltran Pedreira, Jose Ricardo	**E-mail**	ricardo.beltran@udc.es
	Conde Garcia, Jesus		jesus.conde@udc.es
	Gallego Picard, Pablo		pablo.gallego@udc.es
	Gonzalez Harguindey, Javier		javier.harguindey@udc.es
	Llamazares Castro, Jesus		j.llamazares@udc.es
Web			
General description	O curso plantéase como unha introducción ao proxecto urbano de espacio libre-público, mediante a achega ao medio ambiente e á sostibilidade como referencias clave para o seu diseño, a importancia do trazado dos servizos urbanísticos, o coñecemento das condicións normativas, de accesibilidade e mobilidade, así como unha aproximación á súa construcción. A asignatura estructúrase en dúas partes: teoría e práctica, estreitamente relacionadas e que se desenrolan en paralelo ao longo do curso. A avaliación do alumno dependerá, ademáis 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 6, a onde se vincula a parte práctica principal da asignatura.		

Study programme competences / results	
Code	**Study programme competences / results**
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)
A41	Ability to solve the passive environmental conditioning, including thermal and acoustic insulation, climate control, energy efficiency and natural lighting (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
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.
A55	Adequate knowledge of the relationship between cultural patterns and social responsibilities of the architect
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
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
B4	Students can communicate information, ideas, problems and solutions to both specialist and non-specialist public
B5	Students have developed those learning skills necessary to undertake further studies with a high level of autonomy
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
B11	"Knowing the industries, organizations, regulations and procedures involved in translating design concepts into buildings and integrating plans into planning "
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 / results		
The student must know benefits that are demanded in the design and construction of public space, recognizing the categories that can be classified. You should know to do the necessary analysis of the problem posed, developing a catalogue of types of recognized spaces, in particular those related to the general concepts of street, square and game.	A34 A35 A37 A39 A41 A42 A45 A51 A52 A53 A55 A56 A58	B2 B3 B4 B5 B6 B8 B11 B12	C1 C3 C4 C5 C6 C7 C8
The student must meet the applicable regulation in the public space project, knowing its benefits as a guarantee of adequate conditions of accessibility and service. You should know to find the right solution and demonstrate that your project meets these conditions.	A34 A35 A37 A39 A45 A46 A52 A53 A58 A59 A63	B2 B3 B4 B5 B6 B8 B11 B12	C1 C3 C4 C5 C6 C7 C8

The student must know environmental conditions affecting the public espazcio project, understanding the relationship between vegetation and architecture as an important part of their value and quality. You should know give adequate solutions and quantify the environmental value of their project.	A34 A35 A39 A42 A45 A51 A52 A53 A55 A58 A59 A63	B2 B3 B4 B5 B6 B8 B11 B12	C1 C3 C4 C5 C6 C7 C8
Student must reach the competition to lead and integrate into a multidisciplinary team capable of developing projects of public space, in scales ranging, from management strategy to the urbanization project, including the detail of its construction and the understanding of the elements of service.	A34 A35 A37 A39 A42 A45 A46 A52 A53 A55 A58 A59 A63	B2 B3 B4 B5 B8 B11 B12	C1 C3 C4 C5 C6 C7 C8

Contents	
Topic	Sub-topic
MÓDULO I: PROXECTO E CONSTRUCIÓN DO ESPAZO URBANO	I.I. ESPAZO PÚBLICO (RED) E TECIDO I.II. CATEGORÍAS I.III. RÚA I.IV. PRAZA E XOGO
MÓDULO II: CONDICIÓNS DE ACCESIBILIDADE E SERVIZO. NORMATIVA APLICABLE	II.I. ACCESIBILIDADE E MEDIO FÍSICO II.II. TRAZADO DE VÍAS URBÁNS II.III. APARCAMENTO II.IV. PEATÓN E BICI II.V. SERVIZOS URBÁNS
MÓDULO III: MEDIOAMBIENTE E ESPAZO LIBRE-PÚBLICO	III.I. CONDICIÓNS AMBIENTAIS III.II. PLANTA E ARQUITECTURA III.III. ESPAZO VERDE III.IV. BORDE URBANO

Planning				
Methodologies / tests	Competencies / Results	Teaching hours (in-person & virtual)	Student?s personal work hours	Total hours

Workshop	A34 A35 A37 A39 A41 A42 A45 A46 A51 A52 A53 A55 A56 A58 A59 A63 B2 B3 B4 B5 B6 B8 B11 B12 C1 C3 C4 C5 C6 C7 C8	30	60	90
Field trip	A34 A35 A42 A46 A51 A52 A53 A55 A56 A58 A59 B2 B3 B4 B5 B12 C4 C7	3	3	6
Directed discussion	A34 A35 A37 A45 A46 A52 A53 A55 A56 A58 A59 A63 B2 B3 B4 B5 B12 C1 C4 C6 C7	2	0	2
Introductory activities	A34 A37 A42 A46 A51 A52 A53 A55 A56 A59 B3 B4 B5 B12 C4 C7	1	0	1
Objective test	A34 A35 A37 A39 A41 A45 A46 A51 A52 A53 A55 A58 A59 B2 B5 B6 B8 B11 C1 C3 C7 C8	1	0	1
Supervised projects	A34 A35 A37 A39 A41 A42 A45 A46 A51 A52 A53 A55 A58 A59 A63 B2 B3 B4 B5 B12 C1 C4 C5 C6 C8	7	0	7
Multiple-choice questions	A34 A35 A37 A39 A41 A45 A46 A51 A52 A53 A55 A56 A58 A59 B2 B4 B5 B6 B8 C6	1	0	1
Document analysis	A35 A37 A39 A42 A46 A51 A52 A53 A55 A56 A58 A59 B3 B4 B12 C1 C4 C5 C6 C7 C8	5	0	5
Diagramming	A34 A35 A37 A45 A59 A63 B2 B3 B4 B12 C1 C4 C6 C8	2	0	2
Student portfolio	A34 A35 A37 A63 B2 B3 B4 C6 C8	3	0	3

ICT practicals	A34 A35 A37 A39 A41 A45 A46 A51 A52 A53 A55 A56 A58 A59 B2 B3 B5 B6 B8 B11 C3 C8	5	0	5
Workbook	A34 A35 A37 A39 A41 A45 A46 A51 A52 A53 A55 A58 A59 B3 B4 B6 B8 B11 B12 C6 C8	12	0	12
Guest lecture / keynote speech	A34 A35 A37 A39 A41 A45 A46 A52 A53 A55 A56 A58 A59 B2 B3 B4 B6 B8 B11 B12 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.
Guest lecture / keynote speech	The various issues relevant to the workshop sessions will be subject to master.

Personalized attention	
Methodologies	**Description**

Workbook	It will focus on monitoring the work done by students, individually, with which it intended to apply the knowledge outlined in the theory.
Workshop	
Field trip	
Directed discussion	
Supervised projects	

Assessment			
Methodologies	**Competencies / Results**	**Description**	**Qualification**
Workshop	A34 A35 A37 A39 A41 A42 A45 A46 A51 A52 A53 A55 A56 A58 A59 A63 B2 B3 B4 B5 B6 B8 B11 B12 C1 C3 C4 C5 C6 C7 C8	The final work will be assessed in its analytical aspects, planning and design. The practical work will be related in part with the practice of Workshop 6, so that both the text and the deliveries will be part of the contents thereof. Deliveries will be unique and student assessment will be essential to have participated and delivered completely the work of the workshop.	50
Objective test	A34 A35 A37 A39 A41 A45 A46 A51 A52 A53 A55 A58 A59 B2 B5 B6 B8 B11 C1 C3 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

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 6, 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 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	- Kevin Lynch (). La imagen de la ciudad. Y. AshiharaEl Diseño de Espacios ExterioresLibro J. Martínez SarandesesEspacios Públicos UrbanosLibro J. GehlLa Humanización del Espacio UrbanoLibro Fernando TeránCalles y algo más que CallesLibro Carlos Martínez Caro y Juan Luís de Las RivasArquitectura UrbanaLibro Gordon CullenEl Paisaje UrbanoLibro Aldo RossiLa Arquitectura de la CiudadLibro M. Herce y J. MiróEl soporte infraestructural de la ciudadLibro C. Norberg-SchulzIntenciones en arquitecturaLibro F. Manchón y J. SantameraRecomendaciones para el proyecto y diseño del viario urbanoLibro Manuel Solá MoralesEspacios públicos y espacios colectivosCapítulo de revista CSCAEGuía para la redacción de Proyectos de UrbanizaciónLibro I. McHargProyectar con la naturalezaLibro M.Hough Naturaleza y Ciudad libro
Complementary	A. FalcónEspacios Verdes para una Ciudad SostenibleLibro AAVVLa Calle. Diseño para peatones y ciclistasLibro D. BoeminhausPavimentos y límites urbanosLibro Dieter PrintzPlanificación y Configuración UrbanaLibro Robert Venturi y AAVVAprendiendo de las VegasLibro C. Juel-ChristiansenMonumento y NichoLibro AAVVa+tRevista AAVVPaiseaRevista Gilles ClémentEl jardín en movimientoLibroAntoni FalcónEspacios verdes para una ciudad sostenible.Libro

Recommendations
Subjects that it is recommended to have taken before
Architectural Projects 1/630G01001
Architectural Projects 2/630G01006
Projects 3/630G01011
Projects 4/630G01016
Urban Planning 1/630G01018
Projects 5/630G01021
Urban Planning 2/630G01024
Subjects that are recommended to be taken simultaneously
Projects 6/630G01026
Subjects that continue the syllabus
Projects 6/630G01026
Urban Planning 4/630G01032
Urban Planning 5/630G01042
Other comments