



Teaching Guide				
Identifying Data				2019/20
Subject (*)	Urbanism 5		Code	630G02042
Study programme	Grao en Estudos de Arquitectura			
Descriptors				
Cycle	Period	Year	Type	Credits
Graduate	1st four-month period	Fifth	Obligatory	6
Language	SpanishGalicianEnglish			
Teaching method	Face-to-face			
Prerequisites				
Department	Proxectos Arquitectónicos, Urbanismo e Composición			
Coordinador	Rodriguez Alvarez, Jorge	E-mail	jorge.ralvarez@udc.es	
Lecturers	Diaz Revilla, Alfonso Llamazares Castro, Jesus Rodriguez Alvarez, Jorge Seoane Prado, Enrique	E-mail	a.diaz.revilla@udc.es j.llamazares@udc.es jorge.ralvarez@udc.es enrique.seoane@udc.es	
Web				
General description	The development of the course through theoretical classes and workshop will be jointly held with Architectural Projects . It is intended to transform an infill site. It will tackle the challenge of acting on spaces with poor or none accessibility, where the integration of uses and building types shall propose rehabilitative responses in the built environment			

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)
A36	Ability to design, implement and develop construction management (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)
A44	Ability to develop civil work projects (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
A47	Ability to develop environmental, landscape and environmental impact correction studies (T)
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 foundations.
A55	Adequate knowledge of the relationship between cultural patterns and social responsibilities of the architect
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
A60	Knowledge of the legal framework in terms of civil laws, administration, planning, construction and building industry according to the professional practice
A61	Knowledge of feasibility analysis and the surveillance and coordination of integrated projects
A62	Knowledge of real estate valuation
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
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
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	
To learn how to organize the construction process of urbanity and to deepen the definition of urban activities, giving priority to the treatment of the form and the space of urban design, perfecting the ability of the student to intervene on the different urban, suburban or rural sites, projecting its growth, improvement or transformation, putting it in relation to normative, constructive aspects and of temporal and economic planning	A34	B4	C1
	A35	B5	C3
	A36	B8	C4
	A37		C5
	A39		C7
	A41		
	A42		
	A44		
	A45		
	A46		
	A47		
Establish criteria for projecting outdoor space	A52		
	A53		
	A55	B11	C6
	A58	B12	C8
	A59		
	A60		
	A61		
	A62		
	A63		



Acquire knowledge to lead and coordinate the material execution of the urban development works	A34	B4	C1
	A35	B5	C3
	A36	B8	C4
	A37	B11	C5
	A39	B12	C6
	A41		C7
	A42		C8
	A44		
	A45		
	A46		
	A47		
	A52		
	A53		
	A55		
	A58		
	A59		
	A60		
	A61		
	A62		
	A63		

Contents	
Topic	Sub-topic
1. Understand and analyze the existing reality and expose it based on techniques of representation that prioritize the capacity for synthesis and communication.	<ul style="list-style-type: none"> - Synthetic and analytical representation of the territory through sketches, diagrams, diagrams, perspectives, plants and sections, etc. - Representation and analysis of the territory through real and virtual models. - Representation and complex and sectoral information of the territory through blogs, platforms, video photographs, collages, etc.
2. Propose a structured program and develop proposals	Brief and land use, urban development and basic conditions of the transforming operation.
3, Preparation of proposals, strategies or projects..	<ul style="list-style-type: none"> - Strategic plans. - Special plans (internal reform, protection, environmental, etc.) urban planning.
Formalization of the group proposal and the individual proposal	<ul style="list-style-type: none"> - Urban projects. - Urbanization projects. - Projects of conditioning of outer space.

Planning				
Methodologies / tests	Competencies / Results	Teaching hours (in-person & virtual)	Student's personal work hours	Total hours
Case study	C5 C6 C7 C8	5	5	10
Workshop	A34 A35 A36 A37 A39 A41 A42 A44 A45 A46 A47 A52 A53 A55 A58 A60 A61 A62 A63 B4 B5 B8 B11 C1 C3 C4	27	54	81
Directed discussion	B8 B11 B12 C1 C3 C4 C5 C7 C8	8	16	24



Guest lecture / keynote speech	A52 A53 A55 A58 A59 A61 B8 B11	11	11	22
Document analysis	C3 C4 C5 C8	1	2	3
Objective test	A35 A52 A53 A55 A58 A59 A60 B8 C1	1	2	3
Practical test:	A34 A35 A36 A37 A39 A41 A42 A45 A46 A47 A52 A53 A59	3	3	6
Personalized attention		1	0	1
(*)The information in the planning table is for guidance only and does not take into account the heterogeneity of the students.				

Methodologies	
Methodologies	Description
Case study	The theoretical concepts presented in the lectures will be applied in a short original essay through the study and analysis of cases
Workshop	Workshop sessions will be dedicated to the practical work in the classroom. It will consist of an analysis project in intervention in a field with environmental interest. It will be done in groups, with an individual part.
Directed discussion	Public presentations will serve as a starting point for discussions on topics relevant to the subject
Guest lecture / keynote speech	Each week, a topic will be introduced by the lecturers. The student will have to supplement this presentation with the reading of recommended bibliography extracts. Attendance to lectures is mandatory, with a maximum of 20% of unexcused absences admitted. Sessions will be strictly timely. The use of mobile devices (such as computers, tablets or phones) will not be allowed during the course of the class
Document analysis	An important part of coursework consists in selecting the relevant information and data. Therefore, the student should be familiar with the instruments of the discipline.
Objective test	Theoretical examination of the contents explained in the class and / or in the bibliography of the subject
Practical test:	A test, based on a possible real case of intervention on the landscape. It will be done individually in the designated classroom

Personalized attention	
Methodologies	Description
Practical test: Workshop	The coursework will be carried out according to the tutor's guidelines. The workshops will be developed in the classroom where the tutor will be available to answer the doubts. The follow-up of activities will be carried out in tutorials . Common questions can be resolved through moodle

Assessment			
Methodologies	Competencies / Results	Description	Qualification
Practical test:	A34 A35 A36 A37 A39 A41 A42 A45 A46 A47 A52 A53 A59	The capacity for effective interpretation and resolution of the proposed problem will be assessed, taking into account local, programmatic, environmental, topographic or regulatory restrictions.	15
Case study	C5 C6 C7 C8	A brief research work will be carried out on topics relevant to the subject. Objectivity, critical review ability, originality, use of conventions in the writing of scientific articles and use of the bibliography will be evaluated. Plagiarism will be a reason for suspending the subject according to UDC regulations	10



Workshop	A34 A35 A36 A37 A39 A41 A42 A44 A45 A46 A47 A52 A53 A55 A58 A60 A61 A62 A63 B4 B5 B8 B11 C1 C3 C4	Active participation in the classroom, attendance, adequate progress in work and the fulfillment of the specific objectives proposed in the workshop statement will be evaluated. The works will include a part of the group and an individual development. Each of these parts will be assessed independently and both parties will have to approve.	50
Directed discussion	B8 B11 B12 C1 C3 C4 C5 C7 C8	Participation will be evaluated actively, critical attitude, architectural and urban culture and the ability to articulate and expose public-motivated opinions.	5
Guest lecture / keynote speech	A52 A53 A55 A58 A59 A61 B8 B11	Assistance and assimilation and application of the contents will be evaluated in class practices and case studies. Attendance is mandatory. In magisterial classes the use of mobile devices or computers will not be allowed unless instructed by the teacher	5
Objective test	A35 A52 A53 A55 A58 A59 A60 B8 C1	The acquisition of the theoretical knowledge introduced in the course will be evaluated	15

Assessment comments

In the general assessment of the course, the following aspects will be present: class attendance and workshops, assessment of group work, individual work evaluation, objective test.

Class attendance (minimum 80%) and passing the practical test, course sheet and objective test are fundamental to pass the subject.

In the case of suspension of one of the parties, the latter must be repeated in the second opportunity

The objective test and the practical test are part of the final exam, so that suspending a part must be repeated the full examination of the second opportunity (practical test plus objective test)

Sources of information



Basic	<p>Os profesores da materia indicarán as lecturas obrigatorias para o seguemento das clases teóricas e discusións dirixidas. A seguinte lista conforma a bibliografía básica da materia</p> <p>Alexander, C. (1980). El lenguaje de patrones. Barcelona: Gustavo Gili</p> <p>Álvarez Blanco, A. Carro Patiño, I. & Vázquez Suarez, E. eds. (2018) DRU 8: O Salnés-Cambados Universidade da Coruña</p> <p>Ashihara, Y. (1982). El diseño de espacios exteriores. Barcelona: Gustavo Gili</p> <p>Bentley, Alcock, Murrain McGlynn, Smith (1999). Entornos vitales. Hacia un entorno urbano y arquitectónico más humano. Manual Práctico. Barcelona: Gustavo Gili</p> <p>Busquets, J & Correa, F. (2006). Ciudades X Formas. Una nueva mirada hacia el proyecto urbanístico. Harvard University</p> <p>Corominas, M. Sabaté, J. Sotoca, A. (2007). Planes muy especiales. COAC Escola Sert</p> <p>DALDA ESCUDERO, Juan Luís. DRU-2. Teoría y método del planeamiento general y urbano. A Coruña: Departamento de Proxectos Arquitectónicos e Urbanismo, Universidade da Coruña, 2009</p> <p>Falcón, A. (2007). Espacios verdes para una ciudad sostenible. Planificación, proyecto y gestión. Barcelona: Gustavo Gili</p> <p>Fernández Prado, M. Rodríguez Álvarez, J. ed. (2013) DRU 7: Miscelánea Urbanística: Experiencias, retos e instrumentos. Departamento de Proyectos Arquitectónicos y Urbanismo. Universidade da Coruña</p> <p>Gehl, J. (2006). La humanización del espacio urbano. La vida social entre los edificios. Barcelona: Editorial Reverté</p> <p>GONZÁLEZ-CEBRIÁN TELLO, José Juan. DRU-3. Intervención sobre el Medio Rural en Galicia. Una aproximación a su realidad territorial. A Coruña: Departamento de Proxectos Arquitectónicos e Urbanismo, Universidade da Coruña, 2009</p> <p>GONZÁLEZ HARGUINDEY, Javier; PEÑA PEREDA, Felipe (coords.). DRU-6. Juan Luís Dalda Escudero. Urbanista. A Coruña: Departamento de Proxectos Arquitectónicos e Urbanismo, Universidade da Coruña, 2011</p> <p>Herce, M. (2009). Sobre la movilidad en la ciudad. Barcelona: Editorial Reverté</p> <p>INSS (1994). Manual de accesibilidad. Madrid: Ministerio de Asuntos Sociales</p> <p>Lynch, K. (1980). La planificación del sitio. Barcelona: Gustavo Gili</p> <p>McCluskey, J. (1985). El diseño de vías urbanas. Barcelona: Gustavo Gili</p> <p>McCluskey, J. (1987). Parking. Manual de diseño ambiental. Barcelona: Gustavo Gili</p> <p>Rodríguez Álvarez, J. ed. (2017) DRU 9: La ciudad y su territorio: Líneas de investigación del grupo GCeT. Universidade da Coruña</p> <p>RODRÍGUEZ ÁLVAREZ, Jorge (coord.). DRU-5. Vilagarcía. Muestra de los Trabajos de Taller. Curso 2009-10. A Coruña: Departamento de Proxectos Arquitectónicos e Urbanismo, Universidade da Coruña, 2011</p> <p>Solá-Morales, M. (1987). El proyecto urbano I. UR N5 Solá-Morales, M. (1988). El proyecto urbano II. UR N6</p>
Complementary	

Recommendations
Subjects that it is recommended to have taken before
Urbanism 4/630G02032
Subjects that are recommended to be taken simultaneously
Architectural Design 9/630G02041
Subjects that continue the syllabus
Landscape and Sustainable Habitat/630G02056
Contemporary Urban Actions/630G02060
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.