Teaching Guide				
Identifying Data				2023/24
Subject (*)	Architectural Design 8		Code	630G02036
Study programme	Grao en Estudos de Arquitectura			
Descriptors				
Cycle	Period	Year	Type	Credits
Graduate	1st four-month period	Fifth	Obligatory	9
Language	SpanishGalician			
Teaching method	Face-to-face			
Prerequisites				
Department	Proxectos Arquitectónicos, Urbanismo e Composición			
Coordinador	Rodriguez Blanco, Emilio	E-mail	emilio.rblanco@udc.es	
Lecturers	Carreiro Otero, Maria Concepción Irisarri Castro, Jesús Rodriguez Blanco, Emilio	E-mail	maria.carreiro@udc.es j.irisarri@udc.es emilio.rblanco@udc.es	
Web				
General description	The basic objective on which the subject is based is the development of projects in a complex urban environment, appropriately satisfying the compositional, spatial, technical and functional requirements of architectural and urban design. The decisions of a general nature and design of architectural pieces will be verified and related. As well as the different contributions of the workshop subjects for the improvement of the project in all its aspects.			

Study programme competences / results	
Code	Study programme competences / results
A6	"Knowledge of graphic surveying techniques at all stages, from the drawing sketches to scientific restitution, adapted and applied to architecture and urbanism "
A8	"Knowledge of the principles of thermodynamics, acoustics and optics adapted and applied to architecture and urbanism "
A10	"Knowledge of basic topography, hypsometry, mapping and earthmoving techniques adapted and applied to architecture and urbanism "
A12	Ability to conceive, calculate, design, integrate in buildings and urban units and execute building structures (T)
A13	Ability to conceive, calculate, design, integrate in buildings and urban units and execute interior partition walls, carpentry, stairs and other finished work (T)
A16	"Ability to conceive, calculate, design, integrate in buildings and urban units and execute supply systems, water treatment and sewage, heating and air conditioning (T) "
A17	Ability to apply technical and construction standards and regulations
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)
A38	"Ability to take part in the preservation, restoration and renovation of the built heritage (T) "
A41	Ability to solve the passive environmental conditioning, including thermal and acoustic insulation, climate control, energy efficiency and natural lighting (T)
A43	Ability to carry out safety projects, evacuation and protection in buildings (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 foundationsxicos.
A58	Adequate knowledge of the methodological foundations of territorial, metropolitan and urban planning.

A60	Knowledge of the legal framework in terms of civil laws, administration, planning, construction and building industry according to the professional pratice
A61	Knowledge of feasibility analysis and the surveillance and coordination of integrated projects
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
B9	Understanding the problems of the structural design, construction and engineering associated with building design and technical solutions
B10	Knowing the physical problems, various technologies and function of buildings so as to provide them with internal conditions of comfort and protection against the climate factors in the context of sustainable development
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

Ability to address the design of public space and its relationship with the architectural piece within the scale of neighborhood and urban sector, preparing the programs of needs appropriate to each situation.	A6 A8 A10 A12 A13 A16 A17 A34 A35 A36 A37 A38 A41 A43 A44 A46 A47 A52 A53 A58 A60 A61 A63	B2 B3 B4 B5 B9 B10 B11 B12	C1 C3 C4 C5 C6 C7 C8
Ability to give an objective and contextual architectural response to the public space and the threshold of the buildings, incorporating the gender perspective, accessibility and aspects of the Technical Code in relation to the conditions of approach to the building as the foundations of sustainability.	A6 A8 A10 A12 A13 A16 A17 A34 A35 A37 A38 A41 A45 A52 A53 A58 A60	B2 B3 B4 B5 B9 B10 B11 B12	C1 C3 C4 C5 C6 C7 C8

Ability to critically study and analyze the transition between public space and the object it surrounds as a means of continuous knowledge and training, in relation to the needs program, functional, technical and symbolic resolution aspects towards its users. The physical and temporal context of the case studies will have to be considered and put in relation to contemporary parameters of sustainability, gender perspective and biophilia.	A6 A8 A10 A12 A13 A16 A17 A34 A35 A36 A37 A38 A41 A43 A45 A46 A47 A52 A53 A58 A60	B2 B3 B4 B5 B9 B10 B11 B12	C1 C3 C4 C5 C6 C7 C8

Contents	
Topic	**Sub-topic**
The design of public space:	-Environmental and social impact of architectural and urban interventions -Advanced materials vs. traditional materials -Reduce, reuse and recycle: applications in the formulation of needs programs and architectural and urban design -The new conceptual tools for analysis and transformation of reality: gender perspective, sustainability, biophilia
Study and critical analysis of architectural projects: life in the city	-Case study 1. The public space project in the consolidated city. -Case study 2. Interstitial space in the diffuse city.
New programs and complex scales	-Equipment vs support infrastructure -The concept of public space in everyday life -Alternative uses. Public space as a response to a changing society.

Planning				
Methodologies / tests	**Competencies / Results**	**Teaching hours (in-person & virtual)**	**Student?s personal work hours**	**Total hours**
Guest lecture / keynote speech	A35	8	0	8
Student portfolio	A6 A10 A12 A17 A34 A35 A37 A38 A45 A46 A47 A52 A53 A58 A60 A63 B2 B3 B4 B5 B11 B12 C1 C3 C4 C8	18	1	19
Events academic / information	A6 A17 A34 B4 B5 C1 C3 C4 C7 C8	2	0	2

Workshop	A8 A13 A16 A34 A35 A36 A41 A43 A44 A61 B9 B10 C5 C6 C7	195	0	195
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**
Guest lecture / keynote speech	Oral presentation to introduce the references and theoretical contributions in relation to the workshop methodology.
Student portfolio	Final course work in relation to the agreed presentation standards for the subject.
Events academic / information	Preparation of synthesis material of the work carried out in the matter for a joint exhibition at the end of the course in the event organized by the Department of Architectural Projects, Urban Planning and Composition: ?Arquitecturas en Curso. DPAUC? (panels, models, drawings, videos, texts, performances, etc.) Attendance at informative events (congresses, conferences, symposiums, conferences, etc.), organized by the ETSAC or DPAUC, etc., indicated by the teaching staff of the subject as part of the current teaching content, with the aim of providing students with knowledge and experiences current references to a given field of study.
Workshop	Formative modality inherent to the objective, contextual and urban architectural project, which consists of face-to-face and non-contact hours Includes practical work, individual or group, individual and collective critical sessions, sharing, debates and comments, and preparation of works that develop studies of cases. In the classroom hours, the students will carry out the project work with the support and supervision of the teaching staff. In the non-contact hours, the resolution of the exercises proposed will be completed and advanced based on personal work and deepening in the comments and observations made in the classroom .

Personalized attention	
Methodologies	**Description**
Student portfolio Workshop	Individual attention or student for the correction of each project. Corrections will be made individually for each student according to the peculiarities of their project and collectively for the confrontation of the different project options that are developed by the students. Both personalized attention and/or in work groups will be developed in class, in tutorials (to be requested by the students) or during the development of the workshop work.

Assessment			
Methodologies	**Competencies / Results**	**Description**	**Qualification**
Student portfolio	A6 A10 A12 A17 A34 A35 A37 A38 A45 A46 A47 A52 A53 A58 A60 A63 B2 B3 B4 B5 B11 B12 C1 C3 C4 C8	Final course work - portfolio- with the contents in relation to the agreed presentation standards for the subject. Rules are established in presentation forms (prior delivery, examination)	80

Workshop	A8 A13 A16 A34 A35 A36 A41 A43 A44 A61 B9 B10 C5 C6 C7	The Development of the works (workshop) will be from draft to basic level. All works developed in the workshop must be shown, by the student, in public in the different stages. The woks may be developing in group or individually according to each specific work.	20

Assessment comments
In order to pass the subject it will be necessary to fulfill the following requirements: 1º Deliver all the works proposed within the deadlines and forms indicated in the subject. 2º Attend and correct regularly in classes and in the Workshop. Minimum assistance 80% and minimum correction will be required (those necessary for the correct performance of the exercise / s proposed, the number of them will depend on the exercise and the student). The student who is in any of the following circumstances will have the condition of NOT PRESENTED: 1º He does not meet the minimum attendance / correction required for classes and the Workshop. 2º Do not deliver the proposed works in a timely manner, or deliver them incomplete.Those works that do not contain the required documentation in all the subjects that make up the Workshop will be considered incomplete. NOTE: A MINIMUM GRADE WILL BE REQUIRED IN EACH OF THE TESTS COMPUTED IN THE EVALUATION TO PASS THE SUBJECT.The tests of the different opportunities (including 2nd opportunity) will allow the students to complete and modify all or part of the works presented, in order to pass the subject.Evaluation in advance call: To be eligible for the evaluation in advance call, general evaluation conditions in a previous course must be completed.Students with recognition of part-time dedication and academic waiver of attendance exemption: In these cases, as long as they have official recognition from the center's management, the minimum attendance requirement will not be required, keeping the rest of the general requirements established .Plagiarism:With regard to plagiarism, it´ll rule the Article 14 of the Standards for evaluation, review and claim of qualifications for undergraduate and graduate studies at the UDC will be addressed.-Preparation of synthesis material of the work carried out in the matter for a joint exhibition at the end of the course in the event organized by the Department of Architectural Projects, Urban Planning and Composition: ?Arquitecturas en Curso. DPAUC? (panels, models, drawings, videos, texts, performances, etc.) -Attendance at informative events (congresses, conferences, symposiums, conferences, etc.), organized by the ETSAC or DPAUC, etc., indicated by the teaching staff of the subject as part of the current teaching content, with the aim of providing students with knowledge and experiences current references to a given field of study.

Sources of information	
Basic	
Complementary	

Recommendations
Subjects that it is recommended to have taken before
Urbanism 4/630G02032 Architectural Design 7/630G02031 Architectural Design 6/630G02026
Subjects that are recommended to be taken simultaneously
Urbanism 5/630G02042
Subjects that continue the syllabus
Architectural Design 9/630G02041
Other comments

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(*)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.