Teaching Guide				
Identifying Data				2023/24
Subject (*)	Architectural Design 7		Code	630G02031
Study programme	Grao en Estudos de Arquitectura			
Descriptors				
Cycle	Period	Year	Type	Credits
Graduate	2nd four-month period	Fourth	Obligatory	6
Language	SpanishGalicianEnglish			
Teaching method	Face-to-face			
Prerequisites				
Department	Proxectos Arquitectónicos, Urbanismo e Composición			
Coordinador	Barge Ferreiros, Santiago	E-mail	s.barge@udc.es	
Lecturers	Barge Ferreiros, Santiago Fernández-Albalat Ruiz, Andrés Martinez Raído, Jose Luis Meijide Tomas, Jorge Vicente Vidal Pérez, Francisco José	E-mail	s.barge@udc.es andres.fernandez-albalat@udc.es jose.luis.martinez.raido@udc.es jorge.meijide@udc.es francisco.vidal@udc.es	
Web	www.udc.es			
General description	The basic intentions that support the development of the subject are to delve into the medium-high level architecture project, using the experiences and knowledge acquired also in other disciplines. It is also about promoting the understanding that the project is part of a complex process that the student has to analyze and develop, synthesizing previous stages of learning together with a personal process of continuous research. The course studies the problems posed by intervention in the city, both in its consolidated and peripheral areas, with coherent and free projects, penetrating the authentic lesson that knowledge of the past and the needs of the present-future provides us, to revitalize the urban structure, understanding urban built space as the place where social relationships, coexistence and human habitation develop. The course has a unitary entity that focuses on the study of the place, with the basic objective of elaborating and developing the theme of collective housing, the raison d'être of the construction of the city. For this, the analysis and resolution of significant urban spaces are contemplated, the collective housing itself, in all its variants, and the public building or equipment as a complement to both specifically and to the city in general.			

Study programme competences	
Code	Study programme competences
A1	"Ability to apply graphical procedures to the representation of spaces and objects (T) "
A2	Ability to conceive and represent the visual attributes of objects and master proportion and drawing techniques, including digital ones (T)
A7	"Knowledge of the principles of general mechanics, statics, mass geometry and vector and tensor fields, adapted and applied to architecture and urbanism "
A10	"Knowledge of basic topography, hypsometry, mapping and earthmoving techniques adapted and applied to architecture and urbanism "
A18	Ability to maintain building structures, foundations and civil works
A19	Ability to maintain the finished work
A20	Ability to assess the construction works
A25	Adequate knowledge of conventional construction systems and pathology
A30	Knowledge of the organization of professional offices
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)
A38	"Ability to take part in the preservation, restoration and renovation of the built heritage (T) "

A39	Ability to remove architectural barriers (T)
A40	Ability to practise architectural criticism
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)
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
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.
A57	Adequate knowledge of urban sociology, theory, economics and history
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
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
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

Upon passing this subject, the student must be able to: -Develop projects of medium complexity, in which the compositional, spatial, technical and functional requirements inherent in architectural and urban design are adequately met. -Integrate within the compositional process and architectural proxectación the learning of the subjects of technological and urban profile, with a methodology that allows the practical application of the theoretical contents of all of them in a project of medium complexity. -Use the content of the HOUSING II teaching block. Regulations, standards. The neighborhood and urban space, solving housing management projects that allow a global vision of the circumstances that make up the complex relationships that exist in a PLACE. The change of scale with respect to previous semesters and the breadth of the work to be carried out requires the use of experiences and knowledge acquired in other disciplines, as well as in the daily life of students. Also, other elements of knowledge appear, such as fieldwork and interviews with residents that promote research proposals adapting to the needs of its inhabitants. The workshop work is located in urban transition spaces or villas. Different types of housing are projected that respond to different social groups, family organizations or alternative ways of living. The projects develop at the basic project level and will advance towards the execution project, from initial ideas to more detailed elaboration, including the definition of their materials and their construction and the incorporation, design and dimensioning of structural elements. It works with the rules on habitability, removal of barriers, evacuation criteria, technical code and urban regulations.	A1 A2 A7 A10 A18 A19 A20 A25 A30 A34 A35 A37 A38 A39 A40 A41 A42 A43 A44 A45 A46 A51 A52 A53 A57 A58 A60 A63	B2 B3 B4 B5 B6 B9 B10 B11 B12	C1 C3 C4 C5 C6 C7 C8

Contents	
Topic	**Sub-topic**
HOUSING II	- Types of housing: single-family, free groups, groups of official protection, other types - Housing and economy - Accessibility criteria - Spatial flexibility - Private and shared areas - Children's play spaces - Exterior and interior transit areas - Storage spaces - Work areas - The needs of daily life - Housing and urban plot
PUBLIC BUILDINGS II	- Cultural, educational, sports, social or civic facilities. - Endowment typologies - Social and community spaces - Comprehensive treatment of the areas

REGULATION II	- Local, state and regional regulations - Town planning regulations - Regulations for removing architectural barriers - Regulations for public promotion and official protection in collective housing. - Technical building Code.
EXERCISES	- Collective housing and adaptation of its use by different social groups and types of coexistence. - Urban provisioning public buildings and equipment

Planning				
Methodologies / tests	Competencies	Ordinary class hours	Student?s personal work hours	Total hours
Workshop	A1 A2 A7 A10 A18 A19 A20 A25 A30 A34 A35 A37 A38 A39 A41 A42 A43 A44 A45 A46 A51 A52 A53 A57 A58 A60 A63 B2 B3 B4 B5 B6 B9 B10 B12 C1 C3 C4 C5 C6 C7 C8	30	51	81
Objective test	A34 A35 A37 A38 A39 A40 A43 A44 A45 A46 A51 A52 A53 B2 B3 B11	4	6	10
Field trip	A34 A35 A37 A38 A39 A42 A45 A46 A51 A52 A53 A57 A58 A60 B3 B5 B6	2	0	2
Introductory activities	A34 A35 A37 A38 A39 A42 A45 A46 A52 A53 A57 A58 C6	2	2	4
Directed discussion	B2 B3 B4 B5 C1 C3 C4	4	4	8
Diagramming	A34 A41 A52 A53 A57 A58 A60 B10 B11 B12	1	4	5
Workbook	A46 A51 A52 A53 A57 A58 A60 B10 B11 B12	1	4	5
Multiple-choice questions	A34 A39 A51 C3	2	2	4
Guest lecture / keynote speech	A51 A52 A53 A57 A58 A60 B10 B11 B12	15	15	30
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

Workshop	Training modality oriented to the application of learning in which knowledge of various subjects is introduced, always around an architectural project, where various methodologies / tests can be combined (exhibitions, simulations, debates, problem solving, guided practices, etc.) through which the students develop practical tasks on a specific subject, with the support and supervision of the teachers of the subjects involved.
Objective test	Written test used for learning assessment, whose distinctive feature is the possibility of determining whether or not the answers given are correct. It constitutes a measuring instrument, rigorously elaborated, that allows to evaluate knowledge, capacities, skills, performance, aptitudes, attitudes, intelligence, etc. It is applicable to both diagnostic, formative and additive evaluation. The objective test can combine different types of questions: multiple choice, ranking, short answer, discrimination, completion and / or association questions. It can also be built with just one type of any of these questions.
Field trip	Activities developed in a context external to the university academic environment (companies, institutions, organizations, monuments, etc.) related to the field of study of the subject. These activities focus on the development of capacities related to direct and systematic observation, information gathering, the execution of sketches, photographs, sketches, designs, etc.
Introductory activities	Activities that are carried out before starting any teaching-learning process in order to know the competences, interests and / or motivations that the students possess to achieve the objectives that they want to achieve, linked to a training program. The aim is to obtain relevant information that allows teaching to be articulated to promote effective and meaningful learning, based on prior knowledge.
Directed discussion	Group dynamics technique in which the members of a group discuss freely, informally and spontaneously on a topic, although they may be coordinated by a moderator.
Diagramming	It consists of a synthesis of the main contents worked on. It is an optimal resource to facilitate the understanding of reality and / or text and personal concentration on the material under study. It is also an important aid for reviewing and preparing for exams.
Workbook	They are a set of texts and written documentation that constitute a source of deepening in the contents worked on.
Multiple-choice questions	Objective test that consists of formulating a question in the form of a direct question or an incomplete statement, and several options or answer alternatives that provide possible solutions, of which only one is valid.
Guest lecture / keynote speech	Oral presentation complemented by the use of audiovisual media and the introduction of some questions for students, in order to transmit knowledge and facilitate learning. The magisterial session is also known as a lecture, expository method, or magisterial lesson. This last modality is usually reserved for a special type of lesson given by a teacher on special occasions, with content that involves original elaboration and based on the almost exclusive use of the word as a way of transmitting information to the audience.

Personalized attention	
Methodologies	**Description**
Objective test Workshop	The student receives personalized attention regarding the work he is developing in the subject and in the Workshop, through the teacher of the group to which he was assigned. In the Workshop, in addition, you will have the possibility to comment and obtain critical reviews from the teachers of the other groups and subjects, in order to contrast opinions and criteria and confront them with your own. The student's portfolio will be subject to personalized reviews, to observe their evolution and verify their authorship.

Assessment			
Methodologies	**Competencies**	**Description**	**Qualification**
Objective test	A34 A35 A37 A38 A39 A40 A43 A44 A45 A46 A51 A52 A53 B2 B3 B11	The instrumental knowledge contained in the syllabus of expository teaching, theoretical and practical of the course will be evaluated through an objective test.	20

Workshop	A1 A2 A7 A10 A18 A19 A20 A25 A30 A34 A35 A37 A38 A39 A41 A42 A43 A44 A45 A46 A51 A52 A53 A57 A58 A60 A63 B2 B3 B4 B5 B6 B9 B10 B12 C1 C3 C4 C5 C6 C7 C8	The final result of the work carried out on the subject will be reflected in the student's personal, physical and digital portfolio, physically available on paper and accessible through the Moodle teaching computer tool. The results will be evaluated, but through a supervised and guided teaching process, where the student's personal effort and intellectual evolution must be reflected in the final documentation.	80

Assessment comments
In order to pass the subject it will be necessary to meet the following requirements:1º Deliver all of the proposals to the proposals and forms indicated in the subjects involved, not Workshop.2º Regularly attend the classes and workshop. You would choose a minimum attendance of 80%3rd Facer to obxective proof Terá on condition of NON PRESENTED or / to a student who runs into any of the following circumstances:1º Do not comply with assistance from the classes or the Workshop.2º Do not deliver the proposals in the form of the estate, or do not submit them incomplete. Those horses that do not contain the required documentation in all the subjects that compose or Workshop will be considered incomplete.3º Do not attend the mandatory test. In accordance with the report established in the Bachelor's Degree in Architecture, a Workshop Assessment Council will be convened, which will analyze the overall results of the same and will decide, not in its case, on the special situations of student assessment. When you do not pass the subject at the first opportunity, you will be allowed to complete and modify the work presented at the workshop, as long as it is completed with minimum attendance, all the work delivered of all subjects involved at the workshop and at the mandatory test of the first opportunity. To pass the subject, in this case, and the compulsory completion of the objective test of the second opportunity. Students who do not exceed in any of these days opportunities in the subject of Proxectos 7 must attend either a workshop or the following year. In this case, the students, in addition to Proxectos 7, will unravel your work on subjects that you would not have passed the workshop of the previous year. Those students who, once passed the subject of Proxectos 7, will not pass some other subjects of the workshop, will have to present, in consecutive calls, de novo e coas opportune corrections, the non-workshop proposals that did not participate.

Sources of information	
Basic	- Pallasmaa, Juhani (2010). La arquitectura de la humildad. Barcelona: Fundación Caja de Arquitectos - Rowe, Collin (1981). Ciudad Collage. Barcelona: GG - Alexander, Ch (1978). Urbanismo y participación. Barcelona: GG Código Técnico de la EdificaciónNormativa de Habitabilidade galega
Complementary	

Recommendations
Subjects that it is recommended to have taken before
Projects 6/630G01026 Facilities 1/630G01030 Construction 5/630G01033 Structures 4/630G01034
Subjects that are recommended to be taken simultaneously
Construction 6/630G01037 Structures 5/630G01038 Facilities 2/630G01039
Subjects that continue the syllabus
Projects 8/630G01036
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.