Teaching Guide				
Identifying Data				2020/21
Subject (*)	Architectural Design 6		Code	630G02026
Study programme	Grao en Estudos de Arquitectura			
Descriptors				
Cycle	Period	Year	Type	Credits
Graduate	1st four-month period	Fourth	Obligatory	6
Language	SpanishGalicianEnglish			
Teaching method	Hybrid			
Prerequisites				
Department	Proxectos Arquitectónicos, Urbanismo e Composición			
Coordinador	Meijide Tomas, Jorge Vicente	E-mail	jorge.meijide@udc.es	
Lecturers	Barge Ferreiros, Santiago Martinez Raído, Jose Luis Meijide Tomas, Jorge Vicente Vidal Pérez, Francisco José	E-mail	s.barge@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.			
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 / results	
Code	Study programme competences / results
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)
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) "
A46	Ability to apply standards and urban regulations
A47	Ability to develop environmental, landscape and environmental impact correction studies (T)
A48	Adequate knowledge of general theories of form, composition and architectural types
A49	Adequate knowledge of the general history of architecture
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. "
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
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
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.
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		
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 1 teaching block. Regulations, standards. The neighborhood and urban space, solving housing planning projects that allow a global vision of the circumstances that make up the complex relationships that occur 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. We work 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 A36 A37 A38 A46 A47 A48 A49 A50 A51 A52	B1 B2 B3 B4 B5 B8 B9 B10 B11 B12	C1 C4 C5 C6 C7 C8

Contents	
Topic	Sub-topic
HOUSING I	- Architectures of the spontaneous and the intuitive. - Housing and planning. - The public and collective space. - Edge and permeability. - Architecture and scale. - Sunlight, winds and visual relationships. - Accesses, relations with the landscape and internal connections. - Circulations. Traffic and pedestrians. Parking lots. - Vegetation, paving, lighting and urban furniture. - Housing and family - Social groups and alternative family organizations
PUBLIC BUILDINGS I	- Cultural, educational, sports, social or civic facilities. - Endowment typologies - Social and community spaces - Comprehensive treatment of the areas
REGULATIONS I	- 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 and social housing. - Management of public space. - Urban provisioning public buildings and equipment

Planning				
Methodologies / tests	Competencies / Results	Teaching hours (in-person & virtual)	Student?s personal work hours	Total hours
Workshop	A1 A2 A7 A10 A18 A19 A20 A25 A30 A34 A35 A36 A37 A38 A47 A48 A49 A50 A51 A52 B1 B2 B3 B5 B8 B9 B10 B11 B12 B14 B15 B18 B23 B24 C1 C4 C5 C6 C7 C8	30	51	81
Objective test	A1 A2 A7 A10 A18 A19 A20 A25 A30 A34 A35 A36 A37 A38 A47 A48 A49 A50 A51 A52 B1 B2 B3 B5 B8 B9 B10 B11 B12 B14 B15 B18 B23 B24 C1 C4 C5 C6 C7 C8	4	6	10
Field trip	A10 A19 A20 A25 A34 A35 A36 A37 A38 A48 A50 A51 B1 B2 B3 B5 B8 B9 B10 B11 B12 B14 B15 B18 B23 B24 C1 C4 C5 C6 C7 C8	2	0	2
Introductory activities	A1 A10 A18 A19 A20 A34 A49 A50 B1 B2 B3 B5 B8 B9 B10 B11 B12 B14 B15 B18 B23 B24 C1 C4 C5 C6 C7	2	2	4
Directed discussion	A7 A18 A19 A20 A25 A30 A34 A35 A36 A37 A38 A47 A48 A49 A50 A51 A52 B1 B2 B3 B5 B8 B9 B10 B11 B12 B14 B15 B18 B23 B24 C1 C4 C5 C6 C7 C8	4	4	8
Diagramming	A10 A19 A30 A34 A37 A47 A49 B1 B2 B3 B5 B8 B9 B10 B11 B12 B14 B15 B18 B23 B24 C1 C4 C5 C6 C7 C8	1	4	5

Workbook	A18 A19 A20 A25 A34 A35 A36 A47 A48 A52 B1 B2 B3 B5 B8 B9 B10 B11 B12 B14 B15 B18 B23 B24 C1 C4 C5 C6 C7 C8	1	4	5
Guest lecture / keynote speech	A7 A10 A18 A19 A20 A25 A30 A34 A35 A36 A37 A38 A47 A48 A49 A50 A51 A52 B1 B2 B3 B5 B8 B9 B10 B11 B12 B14 B15 B18 B23 B24 C1 C4 C5 C6 C7 C8	15	15	30
Student portfolio	A1 A2 A10 A34 A37 A46 A48 B1 B2 B3 B5 B8 B9 B10 B11 B12 C1 C4 C5 C6 C7 C8	2	2	4
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	The projects are developed through the combination of various methodologies and tests: attendance at exhibitions, conferences, analysis of specific problems of the program. The student performs eminently practical tasks in each of the exercises of the course, always with the support and under the supervision of the teaching staff.
Objective test	There will be an objective test on the contents presented in the expository sessions, which configure the theoretical and normative framework of the subject. You can also ask for a practical exercise.
Field trip	Activities developed in a context external to the academic environment related to the field of study. These activities focus on the development of skills related to direct observation and collection of information, data collection, etc.
Introductory activities	In the first classes of the course, the student will be tested and graphic tests that allow knowing the previous level with which the student starts. The tests will be carried out in the classroom. An approach to the semester work will also be proposed.
Directed discussion	Both group and individual work will be publicly exposed to encourage group members to intervene in their own and others' creative process, freely, informally and spontaneously.
Diagramming	The data obtained in the analyzes, as well as the intentions of the project, will be expressed in simplified graphic form in the first phases of each work. They are the preliminary and preliminary information phases. Synthesis begins.
Workbook	They are a set of texts and written documentation that constitute a source of deepening in the contents worked on.
Guest lecture / keynote speech	Periodically, conferences or exhibitions will be held, related to the theme in each exercise. Where the rapporteur presents the information orally and / or graphically to the students. These sessions will provide part of the theoretical content of the subject, which will be part of the objective test.
Student portfolio	As a result of their work at the end of the semester, the student will have prepared their subject portfolio, accessible through the Moodle teaching platform. This final object, developed throughout the group or workshop sessions, will serve as the basis for the student's personal qualification and curriculum.

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 / Results	Description	Qualification
Objective test	A1 A2 A7 A10 A18 A19 A20 A25 A30 A34 A35 A36 A37 A38 A47 A48 A49 A50 A51 A52 B1 B2 B3 B5 B8 B9 B10 B11 B12 B14 B15 B18 B23 B24 C1 C4 C5 C6 C7 C8	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 A36 A37 A38 A47 A48 A49 A50 A51 A52 B1 B2 B3 B5 B8 B9 B10 B11 B12 B14 B15 B18 B23 B24 C1 C4 C5 C6 C7 C8	The final result of the work carried out on the subject will be reflected in the student's personal portfolio, physical and digital, 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 personal effort and the intellectual evolution of the student must appear 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 the works proposed in the fields and forms indicated in the subjects involved in the Workshop.2º Regularly attend classes and the Workshop. A minimum attendance of 80% will be required3º Make the objective test The student who is in any of the following circumstances will have the condition of NOT PRESENTED:1º Do not fulfill the required attendance to the 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.3º Do not attend the objective test. In accordance with the provisions of the memory of the Degree in Architecture, a meeting will be convened by the Workshop Evaluation Board, which will analyze the overall results of the workshop and will decide, where appropriate, on the special situations of student evaluation. When the subject is not passed at the first opportunity, it will be allowed to complete and modify the works presented in the workshop, as long as the minimum attendance is fulfilled, all the works delivered of all the subjects involved in the workshop and the objective test of the first opportunity made. In order to pass the subject, in this case, the objective test of the second opportunity is compulsory. Students who do not pass Project 6 in either of the two opportunities must take the workshop the following year. In this case, the students, in addition to Projects 6, will develop the assignments of the subjects that they had not passed in the workshop of the previous year. Those students who, having passed the subject, did not pass any of the other subjects of the workshop, will have to present, in consecutive calls, again and with the appropriate corrections, the proposed work in the workshop in which they participated.

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
Complementary	

Recommendations
Subjects that it is recommended to have taken before
Projects 5/630G01021 Construction 4/630G01027 Structures 3/630G01028 Urban Planning 3/630G01029
Subjects that are recommended to be taken simultaneously
Urban Planning 4/630G01032 Construction 5/630G01033 Structures 4/630G01034
Subjects that continue the syllabus
Projects 7/630G01031
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.