UNIVERSIDADE DA CORUÑA

Teaching Guide				
Identifying Data				**2020/21**
Subject (*)	Architectural Design 9		**Code**	630G02041
Study programme	Grao en Estudos de Arquitectura			
Descriptors				

Cycle	Period	Year	Type	Credits
Graduate	2nd four-month period	Fifth	Obligatory	9

Language	SpanishGalician			
Teaching method	Face-to-face			
Prerequisites				
Department	Proxectos Arquitectónicos, Urbanismo e Composición			
Coordinador	Sabin Diaz, Patricia	**E-mail**	patricia.sabin@udc.es	
Lecturers	Irisarri Castro, Jesús	**E-mail**	j.irisarri@udc.es	
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	Sabin Diaz, Patricia		patricia.sabin@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.			
Contingency plan	In the event that there are exceptional circumstances that prevent the expected face-to-face teaching, considering the step of this non-face-to-face teaching modality based on the ICT support provided by the University. The ICT toolkit, made available by the University, will be used, especially the Moodle platform, Teams and the electronic mail for communication to the students. 1. Changes in content The contents are not modified 2. Methodologies The methodologies of the course are maintained, finding the non-presential teaching tools in those made available by the UDC. 3. Mechanisms for personalized attention to students. Teams, Moodle and other tools from the UDC. According to the academic calendar and schedule set by the center at the beginning of the course. 4. Modifications in the evaluation No modifications are made. 5. Modifications of the bibliography or webgraphy. No modifications are made.			

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)
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 new facilities within the neighborhood and urban sector scale, developing the programs of needs appropriate to each situation	A37 A38 A44 A52 A53 A58 A61	B2 B3 B4 B5 B12	C1 C3 C8

Ability to give an objectual and contextual architectural response to new urban facilities, incorporating the perspective of gender and accessibility as the foundations of sustainability.	A34 A35 A36 A38 A41 A43 A44 A45 A46 A47 A52 A53 A60 A63	B2 B4 B5 B9 B10 B11 B12	C1 C3
Ability to study and critically analyze architectural projects and projects as a means of knowledge and continuous training, in relation to the aspects of the program of needs, functional, technical and symbolic resolution. The physical and temporal context of the case studies will have to be considered, and they will be related to the contemporary parameters of sustainability, gender perspective and biophilia.	A63	B2 B3 B4 B5 B12	C4 C5 C6 C7 C8

Contents	
Topic	**Sub-topic**
O deseño sostible	-Environmental and social impact of architectural and urban interventions
	-Materials advanced vs traditional materials
	-Reduce, reuse and recycle: applications in the formulation of needs programs and architectural and urban design
	- The new conceptual tools of analysis and transformation of reality: gender perspective, sustainability, biophilia
Novos programas e escalas complexas	-Equipamiento vs infraestructura
	-El concepto de infraestructura para la vida cotidiana
	-Nuevas tecnologías: aplicación en el hábitat
Estudo e análise crítica de proxectos arquitectónicos: a vida na cidade.	-Study of cases 1. The residential project in the consolidated city.
	-Study of cases 2. Projects for care and conciliation in the city.
	-Study of cases 3. The equipments of the urban scale.

Planning				
Methodologies / tests	**Competencies / Results**	**Teaching hours (in-person & virtual)**	**Student?s personal work hours**	**Total hours**
Guest lecture / keynote speech	A52 A53 A58 A60 A61 B9 B10 B11 B12 C3 C5 C6 C8	14	0	14
Workshop	A34 A35 A36 A37 A38 A41 A43 A44 A45 A46 A47 A63 B2 B4 B5 C1	195	0	195
Case study	B3 C4 C7	15	0	15
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.
Workshop	Training modality inherent in the objectual, contextual and urban architectural project, which consists of classroom and non-contact hours It includes practical work, individual or group, individual and collective critical sessions, sharing, debates and comments, and preparation of works that develop case studies. In the classroom hours the students will develop the project work with the support and supervision of the teaching staff. In the non-contact hours will be completed and progress in the resolution of the exercises raised from personal work and deepening comments and observations made in the classroom.
Case study	Study and critical analysis of case studies of types 1, 2 or 3 indicated in the contents.

Personalized attention	
Methodologies	**Description**
Workshop	Individual attention to students for the development of workshop work

Assessment			
Methodologies	**Competencies / Results**	**Description**	**Qualification**
Case study	B3 C4 C7	Study of a work or a project based on the search for information from different documentary sources, both graphic and written. Treatment of data, preparation of the study and conclusions. The rigor of the content and the quality of the graphic expression will be assessed. The work must be publicly exposed by means of a limited time in the different stages of preparation. Work developed individually.	25
Workshop	A34 A35 A36 A37 A38 A41 A43 A44 A45 A46 A47 A63 B2 B4 B5 C1	Development of the workshop works varying from preliminary level to basic level, as indicated in each case. All the works developed in the workshop must be publicly exposed by means of a limited time in the different stages of preparation. They can be developed in groups (two people) or individually, according to specific indications of each specific work.	75

Assessment comments
- June opportunity: To obtain the qualification of suitable, the delivery of all the workshop exercises and case studies is required, as well as participation in their public exposition. Public exhibitions of the work in progress will be regularly scheduled. To obtain the qualification of apt it will be necessary to attend all of these sessions. Those students who choose a grade will make a presentation to the subject teachers, in which the exercise will be discussed with the student. - July opportunity: The work carried out throughout the course will be reviewed or completed, correcting the detected deficiencies. The suitable without development is not contemplated according to the level specified in each case of the set of works proposed in the workshop and in the case study.

Sources of information	
Basic	
Complementary	

Recommendations
Subjects that it is recommended to have taken before

Architectural Design 8/630G02036

Construction 6/630G02037

Construction 7/630G02045

Territorial Planning/630G02057

Urbanism 5/630G02042

Subjects that are recommended to be taken simultaneously

Subjects that continue the syllabus

Other comments