

		Teachin	g Guide			
Identifying Data					2023/24	
Subject (*)	Construction 2			Code	630G02020	
Study programme	Grao en Estudos de Arquitectura	Grao en Estudos de Arquitectura				
		Descr	iptors			
Cycle	Period	Ye	ar	Туре	Credits	
Graduate	1st four-month period	Sec	ond	Obligatory	6	
Language	Spanish				· ·	
Teaching method	Face-to-face					
Prerequisites						
Department	Construcións e Estruturas Arquitectónicas, Civís e Aeronáuticas					
Coordinador	Raya de Blas, Antonio E-mail antonio			antonio.raya@udo	c.es	
Lecturers	Amor Cagiao, Jose Antonio		E-mail	j.amor@udc.es		
	Carreira Montes, José Ángel			j.cmontes@udc.es	S	
	Raya de Blas, Antonio			antonio.raya@udo	c.es	
	Salgado Suárez, Alfonso			alfonso.salgado@	udc.es	
Web						
General description						

	Study programme competences / results
Code	Study programme competences / results
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)
A14	Ability to conceive, calculate, design, integrate in buildings and urban units and execute exterior walls and cladding, roofing and other
	structural work (T)
A15	Ability to conceive, calculate, design, integrate in buildings and urban units and execute foundation solutions (T)
A17	Ability to apply technical and construction standards and regulations
A18	Ability to maintain building structures, foundations and civil works
A20	Ability to assess the construction works
A21	Ability to maintain the structural work
A25	Adequate knowledge of conventional construction systems and pathology
A26	Adequate knowledge of the physical and chemical characteristics, production procedures, pathology and use of building materials
A31	Knowledge of methods of measurement, assessment and expert's report
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
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
B6	Knowing the history and theories of architecture and the arts, technologies and human sciences related to architecture
B7	Knowing the role of the fine arts as a factor that influences the quality of architectural design
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		
	A12	B1	C1	
	A13	B2	C3	
	A14	B3	C4	
	A15	B4	C5	
	A17	B5	C6	
	A18	B6	C7	
	A20	B7	C8	
	A21	B9		
	A25	B10		
	A26	B11		
	A31	B12		
	A63			

Contents			
Торіс	Sub-topic		

Planning					
Methodologies / tests	Competencies /	Teaching hours	Student?s personal	Total hours	
	Results	(in-person & virtual)	work hours		
Guest lecture / keynote speech	A12 A13 A14 A15	28	28	56	
	A17 A18 A20 A21				
	A25 A26 A31 A63 B1				
	B2 B3 B4 B5 B6 B7				
	B9 B10 B11 B12 C1				
	C3 C4 C5 C6 C7 C8				
Workshop	A12 A13 A14 A15	28	62	90	
	A17 A18 A20 A21				
	A25 A26 A31 A63 B1				
	B2 B3 B4 B5 B6 B7				
	B9 B10 B11 B12 C1				
	C3 C4 C5 C6 C7 C8				



Objective test	A12 A13 A14 A15	1	0	1	
	A17 A18 A20 A21				
	A25 A26 A31 A63				
Multiple-choice questions	A12 A13 A14 A15	0	2	2	
	A17 A18 A20 A21				
	A25 A26 A31 A63				
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			
Workshop			
Objective test			
Multiple-choice			
questions			

Personalized attention		
Methodologies	Description	
Workshop		

Assessment				
Methodologies	Competencies /	Description	Qualification	
	Results			
Workshop	A12 A13 A14 A15		50	
	A17 A18 A20 A21			
	A25 A26 A31 A63 B1			
	B2 B3 B4 B5 B6 B7			
	B9 B10 B11 B12 C1			
	C3 C4 C5 C6 C7 C8			
Objective test	A12 A13 A14 A15		25	
	A17 A18 A20 A21			
	A25 A26 A31 A63			
Multiple-choice	A12 A13 A14 A15		25	
questions	A17 A18 A20 A21			
	A25 A26 A31 A63			

Assessment comments

 Sources of information

 Basic

 Complementary

Recommendations	
Subjects that it is recommended to have taken before	
Construction 1/630G02010	
Subjects that are recommended to be taken simultaneously	



Architectural Design 2/630G02006

Subjects that continue the syllabus

Construction 3/630G02022

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.