



Teaching Guide

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

Study programme competences

Code	Study programme competences
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	
	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	
Topic	Sub-topic

Planning				
Methodologies / tests	Competencies	Ordinary class hours	Student?s personal work hours	Total hours
Guest lecture / keynote speech	A12 A13 A14 A15 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	28	28	56
Workshop	A12 A13 A14 A15 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	28	62	90



Objective test	A12 A13 A14 A15 A17 A18 A20 A21 A25 A26 A31 A63	1	0	1
Multiple-choice questions	A12 A13 A14 A15 A17 A18 A20 A21 A25 A26 A31 A63	0	2	2
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
Workshop	A12 A13 A14 A15 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		50
Objective test	A12 A13 A14 A15 A17 A18 A20 A21 A25 A26 A31 A63		25
Multiple-choice questions	A12 A13 A14 A15 A17 A18 A20 A21 A25 A26 A31 A63		25

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.