



## Teaching Guide

Identifying Data				2016/17	
Subject (*)	Construcción 3	Code	630G02022		
Study programme	Grao en Estudos de Arquitectura				
Descriptors					
Cycle	Period	Year	Type	Credits	
Graduate	1st four-month period	Third	Obligatoria	6	
Language	Spanish				
Teaching method	Face-to-face				
Prerequisites					
Department	Construções Arquitectónicas				
Coordinador	Rodriguez Garcia, Enrique	E-mail	enrique.rodriguez.garcia@udc.es		
Lecturers	Rodriguez Garcia, Enrique	E-mail	enrique.rodriguez.garcia@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)
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
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
A27	Adequate knowledge of industrialized building systems
A31	Knowledge of methods of measurement, assessment and expert's report
A32	Knowledge of the project of health and safety at the construction site
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	Expressing themselves correctly, both orally and in writing, in the official languages of the autonomous region
C3	Using basic tools of information technology and communications (ICT) necessary for the exercise of the profession and for 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 entrepreneurship and knowing the means available to the entrepreneur
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	Assessing the importance of research, innovation and technological development in the socio-economic advance of society and culture

Learning outcomes			
Learning outcomes	Study programme competences		
	A12	B1	C1
	A17	B2	C3
	A18	B3	C4
	A20	B4	C5
	A25	B5	C6
	A26	B6	C7
	A27	B7	C8
	A31	B9	
	A32	B10	
	A63	B11	
		B12	
	A12	B1	C1
	A17	B2	C3
	A18	B3	C4
	A20	B4	C5
	A25	B5	C6
	A26	B6	C7
	A27	B7	C8
	A31	B9	
	A32	B10	
	A63	B11	
		B12	
	A12	B1	C1
	A17	B2	C3
	A18	B3	C4
	A20	B4	C5
	A25	B5	C6
	A26	B6	C7
	A27	B7	C8
	A31	B9	
	A32	B10	
	A63	B11	
		B12	

Contents	
Topic	Sub-topic




Planning				
Methodologies / tests	Competencies	Ordinary class hours	Student?s personal work hours	Total hours
Guest lecture / keynote speech	A12 A17 A18 A20 A25 A26 A27 A31 A32 A63 B1 B2 B3 B4 B5 B6 B7 B9 B10 B11 B12 C1 C3 C4 C5 C6 C7 C8	30	30	60
Workbook	A12 A17 A18 A20 A25 A26 A27 A31 A32 A63 B12 B11 B10 B9 B7 B6 B5 B4 B3 B2 B1 C1 C3 C4 C5 C6 C7 C8	0	20	20
Objective test	A12 A17 A18 A20 A25 A26 A27 A31 A32 A63 B12 B11 B10 B9 B7 B6 B5 B4 B3 B2 B1 C1 C3 C4 C5 C6 C7 C8	5	0	5
Supervised projects	A12 A17 A18 A20 A25 A26 A27 A31 A32 A63 B1 B2 B3 B4 B5 B6 B7 B9 B10 B11 B12 C1 C3 C4 C5 C6 C7 C8	30	30	60
Personalized attention		5	0	5

(\*)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	
Workbook	



Objective test	
Supervised projects	

### Personalized attention

Methodologies	Description
Objective test	
Supervised projects	

### Assessment

Methodologies	Competencies	Description	Qualification
Workbook	A12 A17 A18 A20 A25 A26 A27 A31 A32 A63 B12 B11 B10 B9 B7 B6 B5 B4 B3 B2 B1 C1 C3 C4 C5 C6 C7 C8		0
Objective test	A12 A17 A18 A20 A25 A26 A27 A31 A32 A63 B12 B11 B10 B9 B7 B6 B5 B4 B3 B2 B1 C1 C3 C4 C5 C6 C7 C8		0
Guest lecture / keynote speech	A12 A17 A18 A20 A25 A26 A27 A31 A32 A63 B1 B2 B3 B4 B5 B6 B7 B9 B10 B11 B12 C1 C3 C4 C5 C6 C7 C8		0
Supervised projects	A12 A17 A18 A20 A25 A26 A27 A31 A32 A63 B1 B2 B3 B4 B5 B6 B7 B9 B10 B11 B12 C1 C3 C4 C5 C6 C7 C8		0

### Assessment comments

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### Sources of information

Basic	
Complementary	

### Recommendations

Subjects that it is recommended to have taken before



Introdución á Arquitectura /630G02005

Debuxo de Arquitectura/630G02002

Análise de Formas Arquitectónicas/630G02007

Construción 2/630G02020

Construción 1/630G02010

Proxectos 2/630G02006

Proxectos 3/630G02011

Estruturas 1/630G02019

Estruturas 2/630G02023

Proxectos 1/630G02001

#### Subjects that are recommended to be taken simultaneously

Instalacións 2/630G02039

Estruturas 3/630G02028

Proxectos 4/630G02016

Proxectos 3/630G02011

Historia da Arquitectura 1/630G02035

#### Subjects that continue the syllabus

Construción 4/630G02027

Construción 7/630G02045

Construción 5/630G02033

#### 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.