



## Teaching Guide

Identifying Data					2016/17
Subject (*)	Architectural Projects 2	Code	630G01006		
Study programme	Grao en Arquitectura				
Descriptors					
Cycle	Period	Year	Type	Credits	
Graduate	2nd four-month period	First	Obligatoria	6	
Language	SpanishGalicianEnglish				
Teaching method	Face-to-face				
Prerequisites					
Department	Proxectos Arquitectónicos e Urbanismo				
Coordinador	Carreiro Otero, Maria Concepción	E-mail	maria.carreiro@udc.es		
Lecturers	Carreiro Otero, Maria Concepción	E-mail	maria.carreiro@udc.es		
Web					
General description	<p>The project in response to a spatial and functional problem</p> <p>The project problem arises from the program , it affects deeper into the measurement needs of spaces and architectural elements . The relationship between object and site ( topography, orientation , views) addresses ; the environment as outlined inescapable presence . The layout and arrangement of the ladder , functional hierarchy of the spaces is discussed ; utilitarian and symbolic function .</p> <p>At the end of the course the student must be able to :</p> <ul style="list-style-type: none"> <li>- Generate an architectural space structured from the vertical circulations : the staircase element that must be properly graphing in plan and section .</li> <li>- Systematize the organization of a simple architectural space and arrange it in a certain place and in relation to other similar</li> </ul>				

## Study programme competences / results

Code	Study programme competences / results
A1	PROXECTO BÁSICO ARQUITECTÓNICO E URBANO: aptitude ou capacidade para aplicar os principios básicos formais, funcionais e técnicos á concepción e deseño de edificios e de conxuntos urbanos, definindo as súas características xerais e as prestacións que se acadan.
A4	PROGRAMACIÓN FUNCIONAL: aptitude ou capacidade para elaborar programas de edificios, considerando os requisitos de clientes e usuarios, analizando os precedentes e as condicións de localización aplicando estándares e establecendo dimensións e relacións de espazos e equipos.
A9	CRÍTICA ARQUITECTÓNICA: aptitude ou capacidade para analizar morfolóxica e tipoloxicamente a arquitectura e a cidade e para explicar os precedentes formais e programáticos das solucións proxectuais.
A10	REPRESENTACIÓN ESPACIAL: aptitude ou capacidade para aplicar, tanto manual como informaticamente, os sistemas de representación gráfica, dominando os procedementos de proxección e corte, os aspectos cuantitativos e selectivos da escala e a relación entre o plano e a profundidade.
A13	IDEACIÓN GRÁFICA: aptitude ou capacidade para concibir e representar graficamente a figura, a cor, a textura e a luminosidade dos obxectos e dominar a proporción e as técnicas de debuxo, incluídas as informáticas.
B3	Aplicar un pensamento crítico, lóxico e creativo.
B4	Traballar de forma autónoma con iniciativa.
B5	Traballar de forma colaborativa.
B7	Comunicarse de maneira efectiva nun entorno de traballo.
B8	Visión espacial.
B9	Creatividade.
B10	Sensibilidade estética.
B11	Capacidade de análise e síntese.
B12	Toma de decisións.
B13	Imaxinación.



B14	Habilidade gráfica xeral.
B15	Capacidade de organización e planificación.
B17	Cultura histórica.
B18	Razoamento crítico.

Learning outcomes		
Learning outcomes	Study programme competences / results	
Aptitud para representar correctamente los elementos de la arquitectura y desarrollar un relato coherente de un ejercicio proyectual, así como capacidad de representar objetos y elementos abstractos en sus distintas situaciones en una relación espacio-temporal.	A10	B3 B5 B8
Capacidad de exponer oralmente y de argumentar los planteamientos encaminados a desenvolver las propuestas elaboradas.	A9 A10	B18
Competencia para realizar composiciones con los sólidos platónicos y las figuras planas elementales en las que se comprendan, asimilen y desarrollen relaciones de carácter sensible desenvueltas a partir de los principios de composición aplicados a lo largo del tiempo, y en especial por las vanguardias artísticas y en relación con los movimientos filosóficos, científicos y artísticos contemporáneos.	A13	B8 B9 B10 B11 B12 B13 B14
Capacidad para comprender, asimilar y desarrollar relaciones de carácter sensible que se desenvuelven a partir de los principios de composición desarrollados a lo largo del tiempo, y en especial a las vanguardias artísticas y en relación con los movimientos filosóficos, científicos y artísticos contemporáneos.	A10 A13	B3 B8 B9 B10 B11 B14 B15
Capacidad de resolver problemas proyectuales compositivos atendiendo a factores diversos, con respuestas múltiples, que se han de concretar en una única propuesta final, que ha de ser determinada entre un conjunto.	A1 A4 A13	B4 B5 B7 B8 B17 B18

Contents	
Topic	Sub-topic
Knowledge and Depiction of Architectural Elements 2	<ul style="list-style-type: none"> <li>- Conventions of graphic language and how to use them to depict our own designs.</li> <li>- Drawing as a thinking and a depicting tool.</li> <li>- Design depiction through geometry. Scale models.</li> </ul>
Architectural Design and Our Living Space	<ul style="list-style-type: none"> <li>- Architectural space: use, function, depiction, symbolism.</li> <li>- Architectural elements and inhabiting spaces.</li> <li>- Architectural space and human scale.</li> </ul>

Planning				
Methodologies / tests	Competencies / Results	Teaching hours (in-person & virtual)	Student?s personal work hours	Total hours



Objective test	A1 A4 A9 A10 A13 B3 B4 B5 B7 B8 B9 B10 B11 B12 B13 B14 B15 B17 B18	4	145	149
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
Objective test	At the end of the academic period, students must take a practical test in order to evaluate skills achieved. Capacity and aptitudes in relation to the basics of architectural design are measured using this objective test. A minimum mark of 5 out of 10 in this test is requested to pass the subject.

Personalized attention	
Methodologies	Description
Objective test	Personalised attention is an inherent characteristic of this subject. All the students will have every piece of work commented on, and assessed by the teacher, from the first sketches to the final results. They will present their designs orally and individually, and have them analysed by the teacher.

Assessment			
Methodologies	Competencies / Results	Description	Qualification
Objective test	A1 A4 A9 A10 A13 B3 B4 B5 B7 B8 B9 B10 B11 B12 B13 B14 B15 B17 B18	A test will be held on site, within a timeframe. Students are asked to show their abilities and competences acquired, including spatial awareness, architectural conception capacities and graphic skills. Pass conditions are: - A minimum grade of 5 out of 10 is required in this test for an overall pass.	100

Assessment comments
<p>PASS CONDITIONS ARE:</p> <p>A. The January Assessment Opportunity - Objective Test; MINIMUM GRADE: 5 out of 10 PASS MARK: 5 out of 10</p> <p>B. The July Assessment Opportunity. - Objective Test; MINIMUM GRADE: 5 out of 10 PASS MARK: 5 out of 10</p>

Sources of information	
<b>Basic</b>	<ul style="list-style-type: none"> <li>- Carreiro Otero, María (2007). El pliegue complejo. La escalera. Oleiros (A Coruña): Netbiblo</li> <li>- Carreiro Otero, María (2010). Siete escaleras. Siete casas. Oleiros (A Coruña): Netbiblo</li> <li>- Carreiro Otero, María (coord) (2006). Catálogo de puestos de feria : proyectos 1 : curso 2005-2006 (grupo María Carreiro) . Inédito</li> </ul> <p>Se continúa con la bibliografía indicada en Proyectos 1. Se considera bibliografía de consulta las monografías (Taschen, Gustavo Gili) de los arquitectos: * Louis Kahn * Alvar Aalto * Le Corbusier * Arne Jacobsen</p>
<b>Complementary</b>	Se consultará la bibliografía complementaria de Proyectos 1.



## Recommendations

### Subjects that it is recommended to have taken before

Architectural Projects 1/630G01001  
Architectural Drawing/630G01002  
Descriptive Geometry/630G01003  
Introduction to Architecture/630G01005

### Subjects that are recommended to be taken simultaneously

Analysis on Architectural Form/630G01007  
Construction 1/630G01010

### Subjects that continue the syllabus

Proxectos 3/630G01011  
Proxectos 4/630G01016  
Proxectos 5/630G01021  
Proxectos 6/630G01026  
Proxectos 7/630G01031  
Proxectos 8/630G01036  
Proxectos 9/630G01041  
Proxectos 10/630G01044

### Other comments

- Drawing skills are a fundamental tool for this subject, so it requires special attention in order to acquire the appropriate level. This is the reason why we strongly recommend taking both Architectural Drawing and Descriptive Geometry simultaneously. &nbsp;- Knowledge of modern theories about the Arts, Philosophy, and Science are considered to be highly useful, as they were essential for the avant-garde architecture from the twentieth-century. Interest in the Arts, including cinema and music, will be helpful as well. &nbsp;- Required aptitudes are intellectual curiosity, talent for observation, abstract spatial awareness and sensitivity. - Manual dexterity to build scale models is needed, being able to work with common materials to express different architectural intentions (heaviness/lightness, transparency/opacity, mass/emptiness, contrast?) is also fundamental.

(\*)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.