UNIVERSIDADE DA CORUÑA

Teaching Guide				
Identifying Data				2015/16
Subject (*)	Proxectos 1		Code	630G02001
Study programme	Grao en Estudos de 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	
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Web				
General description	Architectural Projects 1 presents the design project as the solution to particular spatial and functional problems.			

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)
A39	Ability to remove architectural barriers (T)
A50	Adequate knowledge of the methods of studying the processes of symbolization, practical functions and ergonomics
A53	Adequate knowledge of the architectural, urban and landscape traditions of Western culture, as well as their technical, climatic, economic, social and ideological foundationsxicos.
A55	Adequate knowledge of the relationship between cultural patterns and social responsibilities of the architect
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
B6	Knowing the history and theories of architecture and the arts, technologies and human sciences related to architecture
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
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 enterpreneur
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 / results		
The aptitude to depict accurately architectural elements as well as objects in relation to space. The ability to create a coherent link between architectural ideas and its materialisation.	A50 A55	B1 B2 B3	C3 C4 C6 C8
The capacity to present conclusions orally and explain proposals and the reasons behind them.	A63	B6	C1 C3
The competence to arrange compositions using platonic solid and elemental shapes. The aim is to build spatial relations that raise positive outcomes for people. The capacity to develop aesthetic sensitivity which designers need.	A34 A39	B10	C5
The capacity to understand, assimilate and work out spatial relationships using different principles of composition, particularly those developed by artistic avant-gardes and those related to contemporary philosophical, scientific and artistic movements.	A34 A50 A55	B12	C7
Capacity to solve compositional design problems, taking different factors into account, being able to develop several options and choose the best result amongst them.	A50 A53 A55 A63	B6 B10 B12	C1 C8

Contents	
Topic	Sub-topic
Object and context	- Anthropometric dimensions and environment - Composition - Architectural plan - Architectural section
Architectural object: circulation and disposal	- Object in the context: interior and external - Object as context: Tindaya - Stairs: shapes - Stairs: position
Object and place	- O debuxo do lugar. - A aproximación ao obxecto arquitectónico. os espazos intermedios. - A imaxe da cidade.

Planning				
Methodologies / tests	Competencies / Results	Teaching hours (in-person & virtual)	Student?s personal work hours	Total hours
Guest lecture / keynote speech	A50 A53 A55 B6 B10 B12 C3 C4 C5 C6	12	12	24
Practical test:	A34 A39 A50 C1	4	0.5	4.5
Workshop	A34 A39 A50 A53 A55 A63 B1 B2 B3 B6 B10 B12 C1 C3 C4 C5 C6 C7 C8	47	73.5	120.5

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	The theoretical content delivered will help students to deal with the proposed works and to understand the learning aims. Workshop practices are introduced as well. It will explained and clarified the contents of work . Similarly, combined with group corrections developed exercises . Accreditation to attend the master class: sketches, design on a specific book (white pages). Non-contact hours : complete notes from the keynote peech with bibliographic consultations, graphic or textual nature , photos or sketches.
Practical test:	At the end of the academic period, students must take a practical test in order to evaluate skills achieved. Capacitiy and aptitudes in relation to the basics of architectural design are measured using this objective test. Practice test preparation : development of workshop activities , attendance at keynote sessions , graphic study of the works of architecture references in each of the workshop activities , review of the work itself .
Workshop	In workshop sessions diverse methods are merged to enhance learning (Individual and/or team work, presentations of the results, debates and analysis, as well as individualised tutoring). Students will develop design projects, helped by the teachers' support and guidance. The Design Workshop is planned for small groups. This workshop is the foundation of this subject. In the hour workshop , students develop their design work , with the support and supervision of teachers. Non-contact hours: students will review and complete their work. Accreditation workshop attendance : Delivery of work done in each weekly session.

Personalized attention	
Methodologies	**Description**
Workshop	WORKSHOP : Personalised attention is an inherent charactersitic 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**
Workshop	A34 A39 A50 A53 A55 A63 B1 B2 B3 B6 B10 B12 C1 C3 C4 C5 C6 C7 C8	Progressive, continuous and global assessment. Pass conditions are: 1. Students are expected to hand in every scheduled piece of work. There must be a positive progression in our evaluation of their work. 2. Students are expected to attend every workshop session. A minimum of 80% attendance is required. The assessment of the Design Workshop will take into account the student's personal work, supervised by the teacher. The student's final evaluation may be subjected to a Workshop Assessment Board's testing.	60

Guest lecture / keynote speech	A50 A53 A55 B6 B10 B12 C3 C4 C5 C6	Compulsory attendance. Global assessment will not be possible without attending 85% of the classes. Lectures include theoretical content, giving exercises and appraisal sessions. All master classes are considered those in which theoretical contents , explanations of jobs and collective opinions are held , held in the time allocated to them. The keynote sessions will be recorded in a personal notebook that will be reviewed periodically.	15
Practical test:	A34 A39 A50 C1	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 minimun grade of 5 out of 10 is required in this test for an overall pass.	25

Assessment comments

A. The January Assessment Opportunity

PASS CONDITIONS ARE:

- Design Workshop. MINIMUM GRADE: 5 out of 10

- Objective Test.;MINIMUM GRADE: 5 out of 10

- PASS MARK: 5 out of 10

B. The July Assessment Opportunity.

Class attendance, all exercises handed in and all other requirements established in this syllabus must be followed throughout the course to have the right to take the objective test in July.

- MARK: 5 out of 10

Sources of information

Basic	- Bowkett, Steve (2014). Croquis. Un libro de arquitectura para dibujar. Para arquitectos de todas las edades. Barcelona: Coco Books - Carreiro et al. (2004). Proyectos 1. Curso 2003-2004. A Coruña: Universidade da Coruña (consultar Servicio de Reprografía) - Carreiro Otero, María (coord.) (2006). Catálogo de puestos de feria : proyectos 1 : curso 2005-2006 (grupo María Carreiro) . A Coruña (consulta en biblioteca ETSAC) - Carreiro Otero, María (2006). Los espacios cotidianos: la casa y el lugar. A Coruña: Universidade da Coruña (consultar Servicio de Reprografía) - Carreiro Otero, María (2007). El pliegue complejo. La escalera. A Coruña: Netbiblo - Carreiro Otero, María (2010). Siete escaleras. Siete casas. A Coruña: Netbiblo - Carreiro Otero, María (coord.) (2011). Proyectos 1. Diez lecciones. A Coruña: Universidade da Coruña (consultar Servicio de Reprografía) - Ching, Francis D. K. (2013). Manual de dibujo arquitectónico. Barcelona: Gustavo Gili - Ching, Francis D.K. (2010). Arquitectura: forma, espacio y orden. Barcelona: Gustavo Gili - Ching, Francis D. K. (1999). Dibujo y proyecto. Barcelona: Gustao Gili - Ching, Francis D. K. (2011). Una historia universal de la arquitectura: un análisis cronológico comparado a través de las culturas. Barcelona: Gustavo Gili - Munari, Bruno (1997). ¿Cómo nacen los objetos?. Barcelona: Gustavo Gili - Panero, Julius y Martin Zelnik (2006). Las dimensiones humanas en los espacios interiores. Barcelona: Gustavo Gili - Roth, Leland (1999). "Primera parte: los elementos de la arquitectura" en Entender la arquitectura sus elementos historia y significado. Barcelona: Gustavo Gili - Unwin, Simon (2003). Análisis de la arquitectura. Barcelona: Gustavo Gili - Unwin, Simon (2012). Exercises in architecture: learning to think as an architect. London: Routledge - Zell, Mo (2009). Curso de dibujo arquitectónico: herramientas y técnicas para la representación bidimensional y tridimensional. Barcelona: Acanto Referencias arquitectónicas: - Le Corbusier ....."Casa del Artesano" "Cabanon" - Mies van der Rohe....."Pabellón Barcelona" "Casa Farnsworth" - José Antonio Coderch....."Casa Rozés" - Lina Bo Bardi....."Casa de vidrio" "Iglesia do Espiritu Santo do Cerrado" - Eileen Gray....."Tempe a paille" - Manuel Gallego....."Museo de Arte Sacro" - Kazuyo Sejima....."Casa Y" - Charles Moore....."Casa Bonham" "Casa Moore", en Orinda - Anne Tyng....."Casa Tyng" - Louis Kahn/Anne Tyng....."Casa de Baños" Trenton - Margarete Schutte-Lihotsky..."Cocina Frankfurt" - Enric Miralles/Carme Pinós..."Cementerio de Igualada" - Carme Pinós....."Torre de oficinas", L´Hospitalet de Llobregat - Charlotte Perriand....."Mobiliario" - Aldo van Eyck....."Juegos" en la ciudad de Amsterdam
Complementary	- Alexander, Christopher (1980). A pattern language un lenguaje de patrones : ciudades, edificios, construcciones. Barcelona: Gustavo Gili - Espegel, Carmen (2008). Heroínas del espacio: mujeres arquitectos en el movimiento moderno. Buenos Aires: Nobuko - Espegel, Carmen (2010). Aires modernos : E. 1027 : maison en bord de mer : Eileen Gray y Jean Badovici, 1926-1929 . Madrid: Mairea - Gombrich, E.H. (2004). Breve historia de la cultura. Barcelona: Península Otras referencias: - Uderzo y Goscinny. "La residencia de los dioses" (cómic) - La pirámide de Keops - Proyecto de Eduardo Chillida para Tindaya - Edward Hopper: pinturas - Francisco de Goya: "Los fusilamientos de la Moncloa o El tres de mayo de 1808 en Madrid" - Donald Judd: esculturas de hormigón - Constantin Brancusi: "La mesa del silencio" Películas: - "Caro diario", de Nanni Moretti - "Al caer el sol", de Robert Benton - "El crack", de José Luis Garci

Recommendations
Subjects that it is recommended to have taken before

Xeometría Descritiva/630G02003
Introdución á Arquitectura /630G02005
Debuxo de Arquitectura/630G02002
Subjects that are recommended to be taken simultaneously
Análise de Formas Arquitectónicas/630G02007
Xeometría da Forma Arquitectónica/630G02014
Subjects that continue the syllabus
Construción 2/630G02020
Proxectos 9/630G02041
Proxectos 8/630G02036
Proxectos 5/630G02021
Proxectos 4/630G02016
Proxectos 3/630G02011
Proxectos 7/630G02031
Proxectos 6/630G02026
Other comments
- Drawing skills are a fundamental tool for this subject, so it requires special attention in order to acquire the appropriate level. - 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. - 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/emptyness, contrast?) is also fundamental.