

Teaching Guide						
Identifying Data 2015/16					2015/16	
Subject (*)	Análise Arquitectónico 2 Code		Code	630G01017		
Study programme	Grao en Arquitectura				I	
	·	Desc	riptors			
Cycle	Period	Ye	ear	Туре	Credits	
Graduate	2nd four-month period	Sec	cond	FB	6	
Language	SpanishGalicianEnglish				'	
Teaching method	Face-to-face					
Prerequisites						
Department	Representación e Teoría Arquitec	tónica				
Coordinador	Lizancos Mora, Plácido		E-mail	placido.lizancos	@udc.es	
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General description	ARCHITECTURAL ANALYSIS 2. METHODOLOGY PROJECT. THEORY OF ARCHITECTURE. ADVANCED					
	ARCHITECTURAL ANALYTICAL TOOLS.					
	The aim of this course focuses on the acquisition of skills and abilities for the representation of architecture, graphically and					
	using descriptive models, allowing	g the student to	o approach the stud	dy of various aspects o	of architectural design, its	
	relationship with the environment and the adequacy to the needs of users, acquiring specific skills of technical and design					
	areas.					

	Study programme competences
Code	Study programme competences
	Learning outcomes

Learning outcomes			
Learning outcomes	Study	/ progra	mme
	cor	npetend	es

Contents		
Торіс	Sub-topic	
INTRODUCTION TO THE CASE STUDY	Introduction. Organization, objectives and methodology.	
	Each year the course focuses on the study of a theme, which may be the work of an	
	architect or a general topic. This theme will be presented at the beginning of the	
	course.	
INTRODUCTION TO THE GRAPHIC ANALYSIS OF THE	What does architectural project mean?	
ARCHITECTURE	Learning how to read a project.	
	Basic concepts for an introduction to analysis.	
	Diagram as a means of expression	
FUNCTIONAL ANALYSIS	The functional content of architecture.	
	The functional structure as basis of architecture.	
	Characteristics of the itineraries.	
	Typology. Type and model.	



SPATIAL AND LIGHTING ANALYSIS	Space and light as essence of architecture.
	The perception of architecture through its itineraries.
	Strategies to represent and analyze space and light.
	Light as vector to envisioning spaces.
	Natural direct light, refelcted, blur, shadows.
	Light control and new technologies.
TOPOLOGICAL ANALYSIS	The ?genius loci?. Choosing a plot.
	The adaptation to the site: tension and harmony.
	Interior spaces, exterior spaces: connections.
TECHNOLOGYCAL ANALYSIS	Building and structural systems as a means on the materialisation and the
	meaningfullness of the architecture.
	The skin on the tectonic conformation of the architecture.
VISUAL ANALYSIS	Recognizing the visual appearance of an object.
	The shape as a start and the shape as a consequence.
	The generative process of shape as a connection between mass, space and surface.
	Geometry: graphic proposal for a morphological order. Geometric analysis. Module.
	Modulor.

Planning				
Methodologies / tests	Competencies	Ordinary class	Student?s personal	Total hours
		hours	work hours	
Directed discussion	A9 A35 A36 A42 B1	4	0	4
	B3 B7 B17 B18			
Oral presentation	B3 B7 B11 B17 B18	3	3	6
Field trip	A42 A44 A45 A46 B1	6	9	15
	B10 B17 C7			
Guest lecture / keynote speech	A4 A10 A13 A34 A35	15	1	16
	A36 A38 A44 A45			
	A46 A47 B9 B14 C3			
	C6			
Events academic / information	A9 A44 A45 A46 C7	6	0	6
Workshop	A4 A10 A13 A34 A35	36	48	84
	A36 A38 A42 B1 B3			
	B4 B7 B8 B9 B10 B11			
	B13 B14 B18 B19 C3			
	C6			
Mixed objective/subjective test	A4 A9 A10 A13 A34	6	12	18
	A35 A36 A38 A42			
	A44 A45 A46 A47 B1			
	B3 B4 B7 B8 B9 B10			
	B11 B13 B14 B17			
	B18 C3 C6 C7			
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	
Directed discussion	Periodically crisis sessions will be held in order to discuss in an informal way the results of the group work, this discussion can	
	be led by a moderator.	
Oral presentation	Students do presentations, with the support of ICT, of the results of their work, interacting with teachers and other students.	



Field trip	The field trip helps to know the buildings to be analyzed.
Guest lecture /	Aimed at the conceptual introduction and providing the information necessary for the development of workshop exercises.
keynote speech	
Events academic /	To deepen the knowledge of specialized aspects of the subject that can provide new information to the general aspects of the
information	course.
Workshop	In the workshops all methodologies (presentations, simulations, debates, problem solving, supervised exercises, etc.) are
	combined simultaneously on practical tasks, with the assistance of the teacher.
Mixed	This is a test of theoretical and practical content in which students show their progress in the knowledge of the methodology of
objective/subjective	the subject. It will be done during class time and will be submitted for class evaluation at the end of the session.
test	

Personalized attention		
Methodologies	Description	
Directed discussion	Evaluation is a continuous process, in which the activity in each of the sessions of the course developed by the student is	
Workshop	monitored and recorded. Periodically and whenever the student requires, he is informed of the level reached by his exercises	
	in relation to the objectives of the subject. There is a period at the end of the course, free of theoretical sessions and	
	workshops, in which the care is provided exclusively individually, so that each student is oriented in order to achieve the	
	objectives of the subject and even the excellence. At all times of the semester teachers provide students individually with	
	additional support in a suitable timetable.	

Assessment			
Methodologies	Competencies	Description	Qualification
Guest lecture /	A4 A10 A13 A34 A35	The contents of the theoretical sessions are essential to know the techniques and	20
keynote speech	A36 A38 A44 A45	objectives of analysis which will then be used in the course work.	
	A46 A47 B9 B14 C3		
	C6		
Events academic /	A9 A44 A45 A46 C7	To enhance the knolowdege of highly specialised concepts or ideas, special academic	3
information		events as lectures or keynote speakers can be launched.	
Field trip	A42 A44 A45 A46 B1	Study trips can be organised when usefull for deepening on the knowlodege of	2
	B10 B17 C7	artworks.	
Oral presentation	B3 B7 B11 B17 B18	As AA2 is a very practical subject, oral presentations done by the students are the	5
		best way to assess both knowledge and skills that are the objective of the subject.	
Mixed	A4 A9 A10 A13 A34	This is a test of theoretical and practical content in which students show their progress	5
objective/subjective	A35 A36 A38 A42	in the knowledge of the methodology of the subject. It will be done during class time	
test	A44 A45 A46 A47 B1	and will be submitted for class evaluation at the end of the session.	
	B3 B4 B7 B8 B9 B10		
	B11 B13 B14 B17		
	B18 C3 C6 C7		
Directed discussion	A9 A35 A36 A42 B1	The directed discussions will bring out the strength of the student's knowledge and	5
	B3 B7 B17 B18	visual communication mechanisms of their ideas.	
Workshop	A4 A10 A13 A34 A35	The workshop is the area of synthesis of the subject. The Workshop simultaneously	60
	A36 A38 A42 B1 B3	demonstrate the intellectual development of students and the knowledge of the course	
	B4 B7 B8 B9 B10 B11	objectives, the mastery of the subject and the communication resources essential for	
	B13 B14 B18 B19 C3	an architect.	
	C6		
Others			

Assessment comments



The student must attend the keynote sessions and present the graphic works, models, etc. put forward in the workshops, with the level of quality required to pass the course. Attendance to the theoretical and practical sessions and workshops is compulsory at least 80%. Without this requirement, the student will not pass the course. In order to pass the subject, the student will have two opportunities: January and July. The first one coincides with the date of submission of the last job, and may enable students to pass the course. Students who do not pass this first opportunity, may take a second one, which will consist of a practical exam in July. The submission of exercises below 80% implies a grade of "Absent" in the two assessment opportunities. Therefore, the student must repeat the course from start to finish. It is essential to deliver the specific practices of the subject, including the 3rd semester workshop with Projects 3 in order to pass each of the subjects that make up the workshop. This will amount to 20% of the final grade. Students who do not pass the subject Projects 3 on the two opportunities, must attend the workshop the following year. In that case, students will do all the course work of the subjects that they did not pass. Students who passed the subject Projects 3 but did not pass any of the other subjects of the workshop, will have to redo their exercises with the corrections suggested by their teachers. Students enrolled after the start of the academic year, must attend the theoretical and practical classes from the date of enrollment, with the possibility of new dates of submission. MOBILITY: Teaching students on mobility programs will be adapted to teaching conditions as well as supervised exercises and tests.

	Sources of information
Basic	- Baker, Geoffrey H. (1989). Le Corbusier. Análisis de la forma. GG. Barcelona
	- Clark & amp; Pause (1984). Arquitectura. Temas de composición. Aalto, Kahn, Moore, Stirling, Le Corbusier, Paladio,
	Venturi. GG. Barcelona
	- Baker, Geoffrey H. (1989). Análisis de la forma. Urbanismo y arquitectura. GG. Barcelona
	- Clark & amp; Pause (1987). Arquitectura. Temas de composición. GG. Barcelona
	- Ching, Frank (1988). Arquitectura: forma, espacio y orden. GG. Barcelona
	- Ching, Frank (1989). Dibujo y proyecto. GG. Barcelona
	- Curtis, Wilian (1987). Le Corbusier, Ideas y formas. Blume
	- Fraser & amp; Henmi (1994). Envisioning architecture. An analysis of drawing. Willey & amp; amp; Sons. Nova York
	- Lasseau, Paul (1992). Frank Lloyd Wright: Between Principe and Form. Nostrand Reinhold. Boston
	- Michel, Lou (1996). Light. The shape of space. Van Nostrand Reinhold. Rotterdam
	- Moo Zell (2008). The architectural Drawing Course. Thames & amp; amp; Hudson. Londres
	- Moore /Allen & amp; Lyindon (1974). La casa:forma y diseño. GG. Barcelona
	- Norberg- Schulz, Christian (1967). Intenciones en arquitectura. GG. Barcelona
	- Leonardo Benévolo (1984). El diseño de la ciusdad-1. GG. Barcelona
	- Wittkower, Rudolf (1995). Los fundamentos de la arquitectura en la edad del humanismo. Alianza Editorial
	- Various (2014). Cadernos PFC. ETSAC, A Coruña
	Aparte de estas entradas bibliográficas, cada ano a asiñatura incorpora bibliografías específicas, que serán suxeridas
	ós estudantes.
Complementary	Aparte de estas entradas bibliográficas, cada ano a asiñatura incorpora bibliografías específicas, que serán suxeridas
	ós estudantes.

	Subjects that it is recommended to have taken before
Architectural Drawing/630G01002	
Descriptive Geometry/630G01003	
Analysis on Architectural Form/630G01	007
Análise Arquitectónico 1/630G01012	
Xeometría da Forma Arquitectónica/63	0G01014
	Subjects that are recommended to be taken simultaneously
Proxectos 4/630G01016	
Urbanística 1/630G01018	

Recommendations

Subjects that continue the syllabus



## Other comments

Incoming students need to be highly proficiency on drawing skills, both analogycal either digital ones. We highly recommend to acces only if ANALISIS 1 has been superated. This subject should not be taken simultaneously with superior workshops. This subject must be attended in conjunction with Proyectos 4 and Urbanismo 1 of the same semester. Mobile phones, tablets or computers in theoretical classes are not allowed for non academic purposes. Violation of this rule may result in the immediate expulsion from the classroom.

(\*)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.