



Teaching Guide				
Identifying Data				2018/19
Subject (*)	Architectural Analysis 1	Code	630G02012	
Study programme	Grao en Estudos de Arquitectura			
Descriptors				
Cycle	Period	Year	Type	Credits
Graduate	1st four-month period	Second	Obligatory	6
Language	SpanishGalicianEnglish			
Teaching method	Face-to-face			
Prerequisites				
Department	Expresión Gráfica Arquitectónica			
Coordinador	Lizancos Mora, Plácido	E-mail	placido.lizancos@udc.es	
Lecturers	Amado Lorenzo, Antonio Gonzalo Caridad Yañez, Eduardo Castro García, Óscar Doce Porto, Juan Manuel Franco Taboada, Juan Manuel Lizancos Mora, Plácido Zas Gomez, Evaristo	E-mail	antonio.amado@udc.es eduardo.caridad@udc.es oscar.castro@udc.es juan.doce@udc.es manuel.franco.taboada@udc.es placido.lizancos@udc.es evaristo.zas@udc.es	
Web				
General description	<p>ARCHITECTURAL ANALYSIS 2. PROJECT METHODOLOGY PROJECT. ADVANCED ARCHITECTURAL ANALYTICAL TOOLS.</p> <p>The aim of this course focuses on the acquisition of skills and abilities for the representation of architecture, graphically and using descriptive models, allowing the student to approach the study of various aspects of architectural design, its relationship with the environment and the adequacy to the needs of users, acquiring specific skills of technical and design areas.</p>			

Study programme competences	
Code	Study programme competences

Learning outcomes			
Learning outcomes	Study programme competences		
To achieve technical skills for analysing architecture using graphical tools and models.			
To achieve technical skills for analysing architecture using graphical tools and models.			
Develop expertise for proper representation and subsequent analysis of the architecture through graphic tools and models			

Contents	
Topic	Sub-topic
INTRODUCTION TO THE CASE STUDY	<p>Introduction. Organization, objectives and methodology.</p> <p>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.</p>
INTRODUCTION TO THE GRAPHIC ANALYSIS OF THE ARCHITECTURE	<p>What does architectural project mean?</p> <p>Learning how to read a project.</p> <p>Basic concepts for an introduction to analysis.</p> <p>Diagram as a means of expression</p>



FUNCTIONAL ANALYSIS	The functional content of architecture. The functional structure as basis of architecture. Characteristics of the itineraries. Typology. Type and model.
SPATIAL ANALYSIS	Space and light as essence of architecture. The perception of architecture through its itineraries. Strategies to represent and analyze space.
LIGHTING ANALYSIS	Strategies to represent and analyze light. Light as vector to envisioning spaces. Natural direct light, reflected, 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.
TECHNOLOGICAL ANALYSIS	structural systems as a means on the materialisation and the meaningfulness 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.
ANÁLISE FORMAL	Recoñecendo a aparencia visual dun obxecto. A forma como principio e a forma como consecuencia. O proceso xenerativo da forma como relación entre a masa, o espazo e a superficie. Xeometría: proposta gráfica para a ordenación morfolóxica. O concepto de módulo.

Planning

Methodologies / tests	Competencies	Ordinary class hours	Student's personal work hours	Total hours
Guest lecture / keynote speech		22	1	23
Oral presentation		5	5	10
Field trip		8	0	8
Events academic / information		9	0	9
Workshop		28	70	98
Supervised projects		28	40	68
Directed discussion		6	0	6
Personalized attention		3	0	3

(\*)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	Aimed at the conceptual introduction and providing the information necessary for the development of workshop exercises.
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.
Events academic / information	To deepen the knowledge of specialized aspects of the subject that can provide new information to the general aspects of the 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.



Supervised projects	The aim of the subject is to train the student in architectonic analysis, studying information resources upon real Case Studies. All this runs under the name of ?Work Tutelado?. This is a project, that will have to be run over the classes period in accordance with a scientific methodology as theoretical lectures happen. A final document where all his contents expressed with advanced communicative strategies advanced will be produced.
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.

**Personalized attention**

Methodologies	Description
Workshop Supervised projects Oral presentation	Evaluation is a continuous process, in which the activity in each of the sessions of the course developed by the student is 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
Workshop		The workshop is the area of synthesis of the subject. The Workshop simultaneously demonstrate the intellectual development of students and the knowledge of the course objectives, the mastery of the subject and the communication resources essential for an architect.	30
Supervised projects		The supervised project, runs in a Design Studio environment and summarises all the subject contents. Here we recognise the maturity of the student. We evaluate the ability of adressing any architectonic analysis and a highly proficiency on graphical communicating skills in a professional personal portfolio.	40
Guest lecture / keynote speech		The contents of the theoretical sessions are essential to know the techniques and objectives of analysis which will then be used in the course work.	10
Events academic / information		To enhance the knowlodge of highly specialised concepts or ideas, special academic events as lectures or keynote speakers can be launched.	3
Directed discussion		The directed discussions will bring out the strength of the student's knowledge and visual communication mechanisms of their ideas.	5
Oral presentation		As AA2 is a very practical subject, oral presentations done by the students are the best way to assess both knowledge and skills that are the objective of the subject.	10
Field trip		Study trips can be organised when usefull for deepening on the knowlodge of artworks.	2

**Assessment comments**



Students 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.

**MOBILITY:**

Teaching students on mobility programs will be adapted to teaching conditions

as well as supervised exercises and tests.

### Sources of information

<b>Basic</b>	<ul style="list-style-type: none"> <li>- Manuel Franco Taboada (2014). Arquitecturas para la Moda. URI: <a href="http://hdl.handle.net/2183/14685">http://hdl.handle.net/2183/14685</a></li> <li>- Antonio Amado y Manuel Franco (2013). Wright: debuxo II, análisis gráfico arquitectónico 2º, memoria docente curso 2003/2004. <a href="http://hdl.handle.net/2183/10020">http://hdl.handle.net/2183/10020</a></li> <li>- Antonio Amado y Manuel Franco (2017). Ando, Tadao ; Ito, Toyo : debuxo II, análisis arquitectónico 2º, memoria docente curso 2005/2006. <a href="http://ruc.udc.es/dspace/handle/2183/18342">http://ruc.udc.es/dspace/handle/2183/18342</a></li> <li>- Antonio Amado y Manuel Franco (2017). Aalto, Alvar: debuxo II, análisis arquitectónico 2º, memoria docente curso 2004/2005. <a href="http://ruc.udc.es/dspace/handle/2183/18341">http://ruc.udc.es/dspace/handle/2183/18341</a></li> <li>- Baker, Geoffrey H. (1989). Le Corbusier. Análisis de la forma.</li> <li>- Clark &amp; Pause (1984). Arquitectura. Temas de composición. Aalto, Kahn, Moore, Stirling, Le Corbusier, Paladio, Venturi.</li> <li>- Ching, Frank (1988). Arquitectura: forma, espacio y orden..</li> <li>- Ching, Frank (1989). Dibujo y proyecto.</li> <li>- Curtis, Wilian (1987). Le Corbusier, Ideas y formas..</li> <li>- Fraser &amp; Henmi (1994). Envisioning architecture. An analysis of drawing..</li> <li>- Michel, Lou (1996). Light. The shape of space..</li> <li>- Moo Zell (2008). The architectural Drawing Course..</li> <li>- Moore /Allen &amp; Lyndon (1974). La casa:forma y diseño..</li> <li>- Norberg- Schulz, Christian (1967). Intenciones en arquitectura..</li> <li>- Wittkower, Rudolf (1995). Los fundamentos de la arquitectura en la edad del humanismo..</li> <li>- Varios autores (2014). Cadernos PFC. ETSAC, A Coruña.</li> </ul>
<b>Complementary</b>	

### Recommendations

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

Architectural Analysis 1/630G02012

Drawing in Architecture/630G02002

Analysis of Architectural Forms/630G02007

Architectural Design 2/630G02006

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

#### Subjects that continue the syllabus



Other comments



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both analogical either digital ones.&amp;nbsp;&lt;/p&gt;&lt;p&gt;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.&amp;nbsp;&lt;/p&gt;&lt;p&gt;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.&lt;/p&gt;



(\*)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.