UNIVERSIDADE DA CORUÑA

Teaching Guide					
Identifying Data					2020/21
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		Basic training	6
Language	SpanishGalicianEnglish				
Teaching method	Face-to-face				
Prerequisites					
Department	Expresión Gráfica Arquitectónica				
Coordinador	Castro García, Óscar		E-mail	oscar.castro@udc.es	
Lecturers	Amado Lorenzo, Antonio Gonzalo Caridad Yañez, Eduardo Castro García, Óscar Doce Porto, Juan Manuel Lizancos Mora, Plácido López Chao, Vicente Adrián Lorenzo Duran, Margarita		E-mail	antonio.amado@udc.es eduardo.caridad@udc.es oscar.castro@udc.es juan.doce@udc.es placido.lizancos@udc.es v.lchao@udc.es margarita.lorenzo@udc.es	
Web					
General description	The objective of this subject is to develop the students' capabilities for the analysis of architectural space and its representation by means of graphic languages and architectural models.				

Contingency plan	1. Modifications to the contents GROUP PRACTICE OF DESCRIPTIVE / ANALYTICAL MODELS WOULD BE CANCELED. 2. Methodologies *Teaching methodologies that are maintained ? GRAPHIC PRACTICES. THEY CONSIST OF WEEKLY PRACTICES THAT STUDENTS UPLOAD TO MOODLE. ? SUPERVISED PROJECTS. THE PRACTICES ARE SUPERVISED THROUGH THE UDC OFFICIAL DIGITAL PLATFORMS: TEAMS AND MOODLE. *Teaching methodologies that are modified ? KEYNOTE SPEECH. FITS DIGITAL ENVIRONMENTS (TEAMS, MOODLE OR EMAIL). ? OBJECTIVE TEST. MAINTAINS THE INTENDED CHARACTER OF A FINAL WORK UPLOADED IN PDF TO MOODLE. ITS EVALUATION IS INCLUDED IN THE PERCENTAGE OF SUPERVISED WORKS. ? 3C WORKSHOP: TUTORIES MAY BE PERFORMED ON THE SUPERVISED WORKS OF THE AA1 SUBJECT OR COLLECTIVE CORRECTIONS WILL BE MADE WITH THE OTHER SUBJECTS PARTICIPATING IN THE WORKSHOP 3. Mechanisms for personalized attention to students TOOLS: TEAMS AND EMAIL. CRONOLOGY: SCHEDULES ARE KEPT. 4. Modifications in the evaluation ? Methodology: SUPERVISED WORKS. Rating weight: 90% Description: INDIVIDUAL PRACTICES UPLOADED TO MOODLE. ? Methodology: 3C WORKSHOP. Rating weight: 10%. Description: ELEMENTS OF ANALYSIS IN THE ARCHITECTURAL PROJECT DEVELOPED IN THE WORKSHOP. *Evaluation observations: ? 1st OPPORTUNITY - TO COMPLETE FINAL DELIVERY ? 2nd OPPORTUNITY ? TO PERFORM A TELEMATIC AND SYNCHRONOUS PRACTICE. 5. Modifications to the bibliography or webgraphy THE BIBLIOGRAPHY OFFERS DIGITAL RESOURCES IN ADDITION TO PRINTED BOOKS. SPECIFIC DOCUMENTATION OF THE ANALYZED ARCHITECTURAL PROJECTS IS ADDED.

Study programme competences	
Code	Study programme competences
A1	"Ability to apply graphical procedures to the representation of spaces and objects (T) "
A2	Ability to conceive and represent the visual attributes of objects and master proportion and drawing techniques, including digital ones (T)
A3	Knowledge of spatial representation systems and projections adapted and applied to architecture
A4	Knowledge of the analysis and the theory of form and the laws of visual perception adapted and applied to architecture and urbanism
A5	"Knowledge of the metric and projective geometry adapted and applied to architecture and urbanism "
A6	"Knowledge of graphic surveying techniques at all stages, from the drawing sketches to scientific restitution, adapted and applied to architecture and urbanism "
A34	Ability to design, implement and develop sketches and drafts, concept designs, developed designs and technical designs (T)
A40	Ability to practise architectural criticism
A48	Adequate knowledge of general theories of form, composition and architectural types
A49	Adequate knowledge of the general history of architecture

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
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	Adequate oral and written expression in the official languages.
C2	Mastering oral and written expression in a foreign language.
C3	Using ICT in working contexts and 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 entrepreneurial culture and the useful means for enterprising people.
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	Valuing the importance of research, innovation and technological development for the socioeconomic and cultural progress of society.

Learning outcomes			
Learning outcomes	Study programme competences		
1. Know and use the different types of drawings and their application to the phases of architectural activity.	A1 A2 A3 A4 A5 A34 A40 A63	B1 B2 B3 B4 B5 B6 B7 B12	C1 C2 C3 C4 C5 C6 C7 C8
2. Identify and analyze the determining aspects of the architectural space.	A1 A2 A3 A4 A5 A34 A40 A48 A49	B2 B3 B4 B5 B6 B7 B12	C1 C2 C3 C4 C5 C6 C7 C8

3. Know and use the techniques for the representation of the architectural space and its analysis by means of graphic tools and architectural models.	A1 A2 A3 A4 A5 A6 A34 A40 A48 A49 A63	B2 B3 B4 B5 B6 B7 B12	C1 C2 C3 C4 C5 C6 C7 C8
4. Conocer y utilizar las metodologías del análisis espacial.	A1 A2 A3 A4 A5 A6 A34 A40 A48 A49 A63	B2 B3 B4 B5 B6 B7 B12	C1 C2 C3 C4 C5 C6 C7 C8

Contents	
Topic	**Sub-topic**
1. Presentation of the subject Detailed explanation of the Teaching Guide.	Agenda, organization, objectives and methodology. Working material and bibliography. The spaces of matter: the classrooms. Matter times: calendar. The evaluation system. The importance of the subject in the Curriculum and in the architecture.
2. Presentation of the course	Explanation of the course's argument: work dynamics, objectives. Presentation of the case studies. Proposal of the first "Case study" as methodological essay.
3. Advanced architectural graphic representation	The different dimensions of the architectural process and its graphic representation: devise, analyze, communicate and produce.
4. Introduction to graphic tools for architectural analysis	Representation for architectural analysis: diagrams, diagrams, images, collages, models, etc. The organization of information for architectural analysis.
5. Spatial analysis I	Fundamentals Space as the essence of architecture. The sensory perception of architecture. Space, time and architecture.
6. Graphical Methodologies I	Graphic methodologies for the representation and analysis of the architectural space.
7. Spatial analysis II	Light in the definition of architecture Light and spatial perception. Construction of space through light.
8. Graphic methodologies II.	Graphic methodologies for the representation and analysis of light in architecture.
9. The "parti"	Identification of the main idea of ??the project. Graphic methodologies for the representation of the "parti".

Planning				
Methodologies / tests	**Competencies**	**Ordinary class hours**	**Student?s personal work hours**	**Total hours**

Guest lecture / keynote speech	A3 A4 A5 A40 B2 B4 B6 B7 C4 C7 C8	13	7	20
Supervised projects	A1 A2 A3 A4 A5 A6 A34 A40 A48 A49 A63 B1 B2 B3 B4 B5 B6 B7 B12 C1 C2 C3 C4 C5 C6 C7 C8	28	60	88
Workshop	A1 A2 A3 A4 A5 A6 A34 A40 A48 A49 A63 B1 B2 B3 B4 B5 B6 B7 B12 C1 C2 C3 C4 C5 C6 C7 C8	15	20	35
Objective test	A1 A2 A3 A4 A5 A6 A34 A40 A48 A49 A63 B1 B2 B3 B4 B5 B6 B7 B12 C1 C2 C3 C4 C5 C6 C7 C8	4	0	4
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	Introduction of fundamental theoretical concepts, graphical methodologies and presentation of case studies.
Supervised projects	The students will apply the concepts and methodologies to the proposed cases of study, supervised by the teaching staff. This includes the oral presentation of the work developed, the response to tests of control of the training process and the production of a document with the resulting materials.
Workshop	Space of confluence between the subjects Architectural Analysis 1 and Projects 2.
Objective test	Os coñecementos e habilidades adquiridos ao longo do curso serán avaliados nun ou varios exames obxectivos ao longo do curso.

Personalized attention	
Methodologies	**Description**
Workshop Supervised projects Objective test	The evaluation is a continuous process in which the activity developed by the students is monitored and registered. Periodically objective tests may be carried out to determine the level of knowledge acquisition on the analysis methodologies and the graphic skills of the student body. Periodically and - in any case, whenever the students require it - they will be personally informed of the level reached by their activities in relation to the programmatic objectives of the subject. At all times during the course, the faculty will provide the student with additional support to the teacher individually, at a known time.

Assessment			
Methodologies	**Competencies**	**Description**	**Qualification**
Workshop	A1 A2 A3 A4 A5 A6 A34 A40 A48 A49 A63 B1 B2 B3 B4 B5 B6 B7 B12 C1 C2 C3 C4 C5 C6 C7 C8	The Workshop is an area where students apply their knowledge and skills. By coming together with architectural projects this fact could be verified on the students' own projects.	15

Supervised projects	A1 A2 A3 A4 A5 A6 A34 A40 A48 A49 A63 B1 B2 B3 B4 B5 B6 B7 B12 C1 C2 C3 C4 C5 C6 C7 C8	The objective of the subject is to train students in the analysis of architectural spaces and in the management of information sources, all based on real case studies. This is articulated in a Tutored Work, original and unpublished, which must be carried out throughout the teaching period in accordance with a scientific methodology, matching the theoretical knowledge taught by the teaching staff. A final document will be produced where all its contents will be expressed with communicative procedures typical of architecture professionals.	65
Objective test	A1 A2 A3 A4 A5 A6 A34 A40 A48 A49 A63 B1 B2 B3 B4 B5 B6 B7 B12 C1 C2 C3 C4 C5 C6 C7 C8	The student must obtain a grade higher than five (5) points on (10) in the objective assessment tests to pass the subject.	20

Assessment comments
1. Attendance Students must attend the lectures and present the graphic works, models, etc. proposed in the workshops, with the required level of quality to pass the subject. Attendance is compulsory at least 80% to the theoretical and practical classes, as well as to the shared workshops. Without this requirement, no student may pass the course by course. Delivering less than the 100% of the practices on its term, means that the course was not properly followed and adresses to a qualification of "Not Presented" in the first opportunity. In order to make possible to attend the second opportunity, students must handle the 100% of the practices, properly tutored. It is also possible to be requiered to develop an special work.2. Late registration. Students enrolled after the start of the academic year, must attend the theoretical and practical classes from the date of enrolment, with the possibility of recovery of the practices carried out until that date. 3. Opportunities. To pass the subject students will have two opportunities: June and July. Anyone who does not pass the first opportunity may present himself to the second. In both cases it is practical graphic evidence. 4. Mobility. The teaching of students from mobility programs will be based on specific pedagogical, linguistic and scheduling conditions and the performance of special tutored jobs.

Sources of information	
Basic	- Balmer, J. e Swisher, M. (2012). Diagramming the Big Idea: Methods for architectural composition. Routledge - Ching, Frank (1988). Arquitectura: forma, espacio y orden.. - Ching, Frank (1989). Dibujo y proyecto. - Fraser & Henmi (1994). Envisioning architecture. An analysis of drawing.. - Mc. Quaid (2003). Envisioning architecture. Drawings from the Museum of Modern Art. the Museum of Modern Art. Nova York - Michel, Lou (1996). Light. The shape of space.. - Montaner, Josep M. (2014). Del diagrama a las experiencias, hacia una arquitectura de la acción.. Gustavo Gili - Moo Zell (2008). The architectural Drawing Course.. - Norberg- Schulz, Christian (1967). Intenciones en arquitectura..

Complementary	- Amado Lorenzo, Antonio e Franco Taboada, Juan Manuel (2013). Wright: Debuxo II, análisis gráfico arquitectónico 2º, memoria docente curso 2003/2004. Repositorio UDC. http://hdl.handle.net/2183/10020 - Amado Lorenzo, Antonio e Franco Taboada, Juan Manuel (2014). Arquitecturas para la Moda. Repositorio UDC. http://hdl.handle.net/2183/14685 - Amado Lorenzo, Antonio e Franco Taboada, Juan Manuel (2017). Ando, Tadao ; Ito, Toyo : Debuxo II, análisis arquitectónico 2º, memoria docente curso 2005/2006. Repositorio UDC. http://ruc.udc.es/dspace/handle/2183/18342 - Amado Lorenzo, Antonio e Franco Taboada, Juan Manuel (2007). Aalto, Alvar: Debuxo II, análisis arquitectónico 2º, memoria docente curso 2004/2005. Repositorio UDC. http://ruc.udc.es/dspace/handle/2183/18341 - Franco Taboada, Juan Manuel e Castro García, Óscar (2018). Casas 16 y 17 de Walter Gropius para la Weissenhof Siedlung de Stuttgart, 1927. Analisis. Repositorio UDC http://hdl.handle.net/2183/21620 - Lizancos, P. e LLano, P. de. (2014). Desvelar a arquitectura. Análise Arquitectónica nos Proxectos Fin de Carreira. Cadernos PFC. Universidade da Coruña - Llano, P. de, Rosales Noves, J.M., Lizancos, P., Ventura Real, J.M. e Vizcaíno Monti, F.J. (2000). Dibujo II (grupos A y C): análise gráfica da arquitectura. Boletín académico, ISSN 0213-3474, Nº. 24, p. 38-47

Recommendations
Subjects that it is recommended to have taken before
Drawing in Architecture/630G02002 Analysis of Architectural Forms/630G02007 Architectural Design 1/630G02001
Subjects that are recommended to be taken simultaneously
Architectural Design 2/630G02006
Subjects that continue the syllabus
Architectural Analysis 2/630G02017
Other comments
The use of mobile phones, tablets or computers is not allowed during the theoretical sessions, for non-academic purposes. Failure to comply with this rule may result in 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.