Teaching Guide				
Identifying Data				2024/25
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	Doce Porto, Juan Manuel	E-mail	juan.doce@udc.es	
Lecturers	Amado Lorenzo, Antonio Gonzalo Caridad Yañez, Eduardo Castro García, Óscar Doce Porto, Juan Manuel Lizancos Mora, Plácido 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 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.			

Study programme competences / results	
Code	Study programme competences / results
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 / results		
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**
Presentation of the subject Detailed explanation of the Teaching Guide.	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.
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.
Advanced architectural graphic representation	The different dimensions of the architectural process and its graphic representation: devise, analyze, communicate and produce.
Introduction to graphic tools for architectural analysis	Representation for architectural analysis: diagrams, images, collages, models, etc. The organization of information for architectural analysis.
Spatial analysis I. Fundaments and concepts.	Fundamentals Space as the essence of architecture. The sensory perception of architecture. Space, time and architecture.
Graphical methodologies and resources I	Graphic methodologies and resources for architectural communication of the architectural space.
Graphical methodologies and resources II	Graphic methodologies for the analysis of architectural space.
The "parti"	Identification of the main idea of the project. Graphic methodologies for the representation of the "parti".

Planning				
Methodologies / tests	**Competencies / Results**	**Teaching hours (in-person & virtual)**	**Student?s personal work hours**	**Total hours**
Guest lecture / keynote speech	A3 A4 A5 A40 B2 B4 B6 B7 C4 C7 C8	15	0	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	28	63	91
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

Events academic / information	A1 A40 B3 B4 B6 C1 C7 C8	0	4	4
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		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	Introduction of fundamental theoretical concepts, graphical methodologies and presentation of case studies. The contents of the subject will be presented in a non-linear way, in the sequence that the teacher deems appropriate depending on the progress of the course and the heterogeneity of the group to obtain the expected results.
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.
Events academic / information	Activities carried out by students that involve attendance and/or participation in scientific and/or informative events (congresses, conferences, symposiums, courses, seminars, conferences, exhibitions, etc.) with the objective of deepening our knowledge on study topics related to the subject. issue. Preparation of summary material two works carried out on the topic for publication or public exhibition.
Objective test	The knowledge and skills acquired throughout the course will be evaluated in one or several objective exams throughout the course.

Personalized attention	
Methodologies	**Description**
Workshop Supervised projects Objective test	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 / Results**	**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 one or more Tutored Works, 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 the student will have two opportunities: January and July. Whoever does not pass the first opportunity will be able to apply for the second. In both cases, you must carry out an objective test.In order to be able to appear for the second opportunity, students must deliver 100% of the course practices duly supervised. In the case of not having approved the supervised works in the 1st opportunity, they may be improved, or if necessary, carry out another additional work, in accordance with the instructions of the teaching staff. 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. *Students under special dispensation or part-time commitment must contact the professor in charge of their group in the first weeks of the course to resolve the case. The student will have to solve and deliver all the assignments and tutorials as students in a usual situation.

Sources of information	
Basic	- Balmer, J. e Swisher, M. (2013). Diagramming the Big Idea: Methods for architectural composition. New York: Routledge - Ching, Francis D.K. (2015). Arquitectura: forma, espacio y orden. Barcelona: Gustavo Gili (4ª ed.) - Ching, Francis D.K. (1999). Dibujo y proyecto. México: Gustavo Gili - Fraser, Iain; Henmi, Rod (1994). Envisioning architecture. An analysis of drawing.. New York: John Wiley & sons - Mc. Quaid (2003). Envisioning architecture. Drawings from the Museum of Modern Art. New York: the Museum of Modern Art. Nova York - Michel, Lou (1995). Light. The shape of space. New York: John Wiley & Sons - Montaner, Josep M. (2014). Del diagrama a las experiencias, hacia una arquitectura de la acción.. Barcelona: Gustavo Gili - Moo Zell (2008). The architectural Drawing Course.. - Norberg- Schulz, Christian (1998). Intenciones en arquitectura.. Barcelona: Gustavo Gili Enlace listado bibliografía recomendada en biblioteca ETSAChttps://kmelot.biblioteca.udc.es/search~S1*gag?/rAnalise+arquitectonico+1/ranalise+arquitectonico+1/1%2C2%2C2%2CB/frameset&FF=ranalise+arquitectonico+1+grao+en+estudos+de+arquitectura&1%2C1%2CEnlace a eBooks disponibles de la bibliografía recomendada en la Biblioteca de la ETSAChttps://www.udc.es/es/biblioteca.etsa/guia_cursos_ebooks/analise_arq_i/

Complementary	Amado Lorenzo, Antonio e Franco Taboada, Juan Manuel (2013).Wright: Debuxo II, análisis gráfico arquitectónico 2º, memoria docente curso 2003/2004. Repositorio UDCAmado Lorenzo, Antonio e Franco Taboada, Juan Manuel (2014).Arquitecturas para la Moda. Repositorio UDC.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.Amado Lorenzo, Antonio e Franco Taboada, Juan Manuel (2007).Aalto, Alvar: Debuxo II, análisis arquitectónico 2º, memoria docente curso 2004/2005.Repositorio UDC.Amado Lorenzo (2022). DAVID CHIPPERFIELD: Debuxo II, análisis arquitectónico 2º, memoria docente curso 2002-03.Amado Lorenzo (2022). PETER ZUMPTHOR /JAQUES HERZOG & PIERRE DE MEURON: Debuxo II, análisis arquitectónico 2º, memoria docente curso 2001-02.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 UDCLizancos, P. e LLano, P. de. (2014).Desvelar a arquitectura. Análise Arquitectónica nos Proxectos Fin de Carreira. Cadernos PFC. Universidade da CoruñaLlano, 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.