Teaching Guide				
Identifying Data				2021/22
Subject (*)	Theory of Architecture		**Code**	630G02025
Study programme	Grao en Estudos de Arquitectura			
Descriptors				
Cycle	**Period**	**Year**	**Type**	**Credits**
Graduate	2nd four-month period	Third	Obligatory	6
Language	SpanishGalicianEnglish			
Teaching method	Face-to-face			
Prerequisites				
Department	Proxectos Arquitectónicos, Urbanismo e Composición			
Coordinador	Agrasar Quiroga, Fernando		**E-mail**	fernando.agrasar@udc.es
Lecturers	Agrasar Quiroga, Fernando		**E-mail**	fernando.agrasar@udc.es
	García Requejo, Zaida			zaida.garcia@udc.es
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Web	http://etsa.udc.es/web/			
General description	The basic objectives of this subject are:			

The basic objectives of this subject are:

To approach the architectural phenomenon from the theoretical point of view, understanding reflexion as a substantial part of the artistic production.

To be aware of the close relationship between thoughts and practice with their contextual circumstances. Our understanding of them is necessarily infuenced by our own perspective of each epoch.

The thread of this course is the double artistic and technical nature of architecture, taking into account all its implications: perceptive, formalistic, socials, morals, aesthetics,...

Architect texts and historical circumstances will be read in parallel, tracing a continous relationship cause-effect, together with architectural projects and other artistic works from three different points of view: technical, artistic and social.

The first subjects will be focused on pre-modern architectural theory, as a necessary training for this phenomenon undestanding. Modern Architecture will be the main topic of the rest of the contents.

THEORY OF ARCHITECTURE is structured in 15 subjects grouped in 6 parts. Theoretical explanations and same case studies will be presented in each subject, always from the theoretical point of view.

Contingency plan	1. Modifications in the contents. In case of a contingency, the necessary measures will be adopted to guarantee the quality of the teaching and the integrity of the content.
	2. Methodologies
	* Teaching methodologies that are maintained:
	The same teaching methodologies are maintained. Both the master session, as well as the mixed test and the supervision of group works will be adapted to the virtual support, if applicable.
	* Teaching methodologies that are modified:
	There are no plans to modify teaching methodologies
	3. Mechanisms for personalized attention to students. The meetings will be convened in previously announced Teams sessions. Corrections and clarifications in group have a greater pedagogical value than individual attention, even so, these will be done by email and conference by Teams.
	4. Modifications in the evaluation
	The evaluation will not be modified.
	5. Modifications of the bibliography or webgraphy.
	The bibliographic resources of the subject are already available in Moodle. Specific contributions of reference materials will be provided in digital format.

Study programme competences / results	
Code	Study programme competences / results
A38	"Ability to take part in the preservation, restoration and renovation of the built heritage (T) "
A40	Ability to practise architectural criticism
A48	Adequate knowledge of general theories of form, composition and architectural types
A51	Adequate knowledge of the methods of studying the social requirements, living conditions, habitability and basic housing programmes
A52	"Adequate knowledge of ecology, sustainability and the principles of conservation of energy and environmental resources. "
A53	Adequate knowledge of the architectural, urban and landscape traditions of Western culture, as well as their technical, climatic, economic, social and ideological foundationsxicos.
A54	Adequate knowledge of aesthetics and theory and history of fine arts and applied arts
A55	Adequate knowledge of the relationship between cultural patterns and social responsibilities of the architect
A57	Adequate knowledge of urban sociology, theory, economics and history
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
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.
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
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**		
Comprender o fenómeno arquitectónico dente o mundo das ideas, entendendo a reflexión como parte substancial da creación artística.	A38 A40 A48 A51 A52 A53 A54 A55 A57	B2 B3 B4 B5 B6 B7	C1 C4 C6 C7 C8
Analizar o estreito vínculo dos sistemas de pensamento e os resultados creativos coas circunstancias do seu propio tempo.	A38 A40 A48 A51 A52 A53 A54 A55 A57	B2 B3 B4 B5 B6 B7 B12	C1 C4 C6 C7 C8
Relacionar o estudo da forma arquitectónica coas principais xustificacións da mesma: tectónicas, funcionais, morais, estéticas, etc.	A38 A40 A48 A51 A53 A54 A55 A57 A63	B2 B3 B4 B5 B6 B7 B12	C1 C4 C6 C7 C8
Analizar a relación entre os textos de arquitectos e pensadores, xunto coas obras arquitectónicas e outras manifestacións artísticas, e as circunstancias históricas do seu tempo.	A38 A40 A48 A51 A52 A53 A54 A55 A57 A63	B2 B3 B4 B5 B6 B7 B12	C1 C4 C6 C7 C8

	A38	B2	C1
Comprender o fenómeno da experiencia moderna partir do coñecemento da teoría arquitectónica anterior.	A40	B3	C4
	A48	B4	C6
	A51	B5	C7
	A52	B6	C8
	A53	B7	
	A54	B12	
	A55		
	A57		
Argumentar a relación existente entre a produción arquitectónica contemporánea e as experiencias previas.	A38	B2	C1
	A40	B3	C4
	A48	B4	C6
	A51	B5	C7
	A52	B6	C8
	A53	B7	
	A54	B12	
	A55		
	A57		
	A63		

Contents	
Topic	**Sub-topic**
PART I [Introduction]	1 The origin of architectural thought: classic treatises
	The encoded architecture: architecture and culture. Origins and evolution: the primitive hut, from Vitruvius to Laugier
	The classic language: Schinkel, from origins to modernity
	2 Forms of technique: matter, construction and thought
	Forms of beauty: art, aesthetics and thought
	Forms of social: politics, moral and thought
PART II. TECHNIQUE AND MODERNITY	3 Semper: architecture and evolution
	Breakdown and classic legacy: Arts&Crafts, Viollet-le-Duc, Modernisms and the first Wright
	4 Industry and architecture. The standardization issue: from Paxton to the Deutscher Werkbund
	Mechanization and architecture: the Chicago School
	5 Mies van der Rohe and the transcended technique
PART III. ART AND MODERNITY	6 The Viennese laboratory: Wagner, Hoffmann and Loos
	7 Modernity in America: Wright
	8 The intellectualization of art: Expressionism, Bauhaus, Neoplasticism
	9 Le Corbusier: art and technique

PART IV. SOCIAL AND MODERNITY	10 Russian Avant-garde: Suprematism Vs Productivism Futurism and revolution 11 The ABC group: politics and architecture
PARTE V. TOWARDS OUR PRESENT: THE MODERNITY CRISIS	12 The other Modernities: the Nordic, Italian and Spanish interpretations From formal containment to formal exaltation: Rudolf Schindler 13 New methodologies: Structuralism Social dynamics after the II World War: the last Mies and the Smitshsons
PART VI [Conclusions]	14 Architectural thought and Contemporaneity: from Complexity and contradiction to Delirious New York From the Situationist theory to the architecture of spectacle 15 New perspectives after the 2007 crisis: social responsibility and environmental awareness; from Buckmister Fuller to today. CONCLUSIONS

Planning				
Methodologies / tests	Competencies / Results	Teaching hours (in-person & virtual)	Student?s personal work hours	Total hours
Supervised projects	A38 A40 B2 B3 B4 B5 B12	15	45	60
Mixed objective/subjective test	B6 B7 C1 C4 C7	3	42	45
Guest lecture / keynote speech	A48 A51 A52 A53 A54 A55 A57 A63 C6 C8	42	0	42
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
Supervised projects	Methodology designed to promote the autonomous learning of students, under the tutelage of the teacher and in various settings (academic and professional). It is primarily concerned with learning "how to do things." It is an option based on students taking responsibility for their own learning. This teaching system is based on two basic elements: the autonomous learning of the students and the monitoring of this learning by the teacher-tutor.
Mixed objective/subjective test	Test that integrates test-type test questions and objective test-type questions. For essay questions, collect open-ended essay questions. Also, as objective questions, you can combine multiple choice, ordering, short answer, discrimination, completion, and / or associated questions.
Guest lecture / keynote speech	Oral presentation supplemented with the use of audiovisual media and the introduction of some questions addressed to students, with the purpose of transmitting knowledge and facilitating learning. A maxistral class is also known as a "lecture", "expository method" or "maxistral lesson". This last modality only reserves a special type of lesson taught by a teacher on special occasions, with a content that supposes an original elaboration and based on non-use, exclusive case gives word as a means of transmitting information to the audience.

Personalized attention

Methodologies	Description
Supervised projects	The workshop will be developed with works that link texts and ideas with architectural works. Groups will be conformed with three students asignated at class.

Assessment

Methodologies	Competencies / Results	Description	Qualification
Supervised projects	A38 A40 B2 B3 B4 B5 B12	Os traballos, realizados en grupo, terán unha cualificación máxima de 2 puntos. Será preciso ter entregado os traballos para superar a asignatura.	20
Mixed objective/subjective test	B6 B7 C1 C4 C7	Un exame ao final do cuatrimestre, referido á totalidade de todos os contidos do curso. A este exame corresponderá un 80% da cualificación final. No mesmo, é preciso acadar unha cualificación de 4 (sobre un máximo de 10) para poder superar a asignatura e poder facer media cos traballos.	80

Assessment comments

Classes attendance (80%) will be required to develop the workshop and the exam.

In order to take part in the second opportunity of each call, it will be essential to have delivered, in the first, the work developed during the course and reviewed by the teachers of the subject. This supervised work can be expanded and corrected to be re-evaluated at the second opportunity.

Examination in advance: To be examined in advance, general conditions are the same of the previous course.

Part time students and exemption of attendance: In this case, having the official recognition, minimun attendance could be not considered.

Plagiarism. Regarding plagiarism, the rules of Art. 14th of the ?Normas de avaliación, revisión e reclamación das cualificacións dos estudos de grao e mestrado universitario da UDC?, should be followed.

Sources of information

Basic	- AGRASAR, Fernando (2008). Introducción al conocimiento de la arquitectura. A Coruña: COAG - CURTIS, William (2006). La Arquitectura Moderna desde 1900. Londres, Nueva York: PHAIDON - CURTIS, William (2013). Modern Architecture Since 1900. London, New York: PHAIDON - HEREU, P., MONTANER, J.M., OLIVERAS, J., (1994). Textos de arquitectura de la modernidad. Madrid: Nerea - KRUFT, Hanno-Walter (1990). Historia de la teoría de la arquitectura (2 vol). Madrid: Alianza Forma - KRUFT, Hanno-Walter (1994). A History of Architectural Theory. Princeton Architectural Press General bibliography is short and substantial to help to complete master classes. Besides this general bibliography, a specific one was elaborated for each subject and will be available at the Moodle platform. General bibliography is short and substantial to help to complete master classes. Besides this general bibliography, a specific one was elaborated for each subject and will be available at the Moodle platform.
Complementary	

Recommendations

Subjects that it is recommended to have taken before

Introduction to Architecture/630G02005

History of Art/630G02015

Subjects that are recommended to be taken simultaneously

Subjects that continue the syllabus

Theory of Contemporary Intervention/630G02061

Other comments