Teaching Guide

Identifying Data				2023/24	
Subject (*)	Architectural Research and Documentation Techniques			Code	630548004
Study programme	Máster Universitario en Rehabilitación Arquitectónica				
Descriptors					
Cycle	Period	Year		Type	Credits
Official Master's Degree	1st four-month period	First		Optional	3
Language	Spanish				
Teaching method	Face-to-face				
Prerequisites					
Department	Proxectos Arquitectónicos, Urbanismo e Composición				
Coordinador	Río Vázquez, Antonio Santiago		E-mail	antonio.rio.vazquez@udc.es	
Lecturers	Fuertes Dopico, Óscar		E-mail	oscar.fuertes@udc.es	
	López Salas, Estefanía			estefania.lsalas@udc.es	
	Río Vázquez, Antonio Santiago			antonio.rio.vazquez@udc.es	
Web					
General description	This subject aims to bring students to the historiography of architecture and, in particular to its assessment throughout history. The birth and development of the normative laws that created the different monumental categories, from a legal and administrative point of view, the means to approach the study of the monument through the search of necessary data and how to approach the contact with the work in function of the intended ends and interests. The sources of documentation, the media and the research processes specific to the Architectural Heritage field will be studied.				

Study programme competences	
Code	Study programme competences
A1	E01. Aptitud o capacidad para acometer actividades de crítica arquitectónica, mediante el análisis del patrimonio edificado bajo diferentes ópticas, y la identificación de los precedentes formales, tipológicos y estilísticos
A2	E02. Aptitud o capacidad para realizar tareas vinculadas a la protección del patrimonio edificado, incluyendo la catalogación monumental, la definición de medidas de protección de edificios y conjuntos arquitectónicos, y la redacción de planes de delimitación y conservación
A4	E04. Aptitud o capacidad para intervenir en el patrimonio edificado con valor histórico, aspecto que engloba la coordinación de su estudio e investigación documental, la elaboración de planes directores de conservación, y la redacción y dirección de ejecución de proyectos de restauración y rehabilitación
A8	E08. Aptitud o capacidad para redactar informes técnicos y proyectos de rehabilitación del patrimonio edificado, incluyendo actividades de asesoramiento y consultoría
B1	CB6. Poseer y comprender conocimientos que aporten una base u oportunidad de ser originales en el desarrollo y/o aplicación de ideas, a menudo en un contexto de investigación
B3	CB08. Que los estudiantes sean capaces de integrar conocimientos y enfrentarse a la complejidad de formular juicios a partir de una información que, siendo incompleta o limitada, incluya reflexiones sobre las responsabilidades sociales y éticas vinculadas a la aplicación de sus conocimientos y juicios
B4	CB09.Que los estudiantes sepan comunicar sus conclusiones y los conocimientos y razones últimas que las sustentan a públicos especializados y no especializados de un modo claro y sin ambigüedades
B5	CB10. Que los estudiantes posean las habilidades de aprendizaje que les permitan continuar estudiando de un modo que habrá de ser en gran medida autodirigido o autónomo.
C1	T01. Capacidad de análisis y síntesis
C2	T02. Capacidad de organización y planificación
C3	T03. Comunicación oral y escrita
C4	T04. Conocimientos de informática relativos al ámbito de estudio
C5	T05. Capacidad para la gestión de la información
C8	T08. Aprendizaje autónomo
C15	T15. Cultura histórica

Learning outcomes			
Learning outcomes	**Study programme competences**		
GENERAL HISTORY OF ARCHITECTURE: Understanding or knowledge of the general History of Architecture, both in itself and in its relationship with the Arts, Techniques, Human Sciences, the History of Thought and Urban Phenomena.	AJ1	BJ1 BJ3 BJ4	CJ1 CJ15
ARTISTIC BASES: Understanding or knowledge of the aesthetics and Theory of the Arts and of the past and present production of Fine Arts and Applied Arts that are likely to influence architectural, urban and landscape conceptions.	AJ1	BJ1 BJ3 BJ4	CJ1 CJ4 CJ5 CJ8 CJ15
BASES OF WESTERN ARCHITECTURE: Understanding or knowledge of the architectural, urban and landscape traditions of Western Culture and of its technical, climatic, economic, social and ideological foundations.	AJ2 AJ4 AJ8	BJ1 BJ3 BJ4 BJ5	CJ1 CJ3 CJ5 CJ8 CJ15
BASES OF NATIVE ARCHITECTURE: Understanding or knowledge of national, local and vernacular architectural, urban and landscape traditions and their technical, climatic, economic, social and ideological foundations.	AJ2 AJ4 AJ8	BJ1 BJ3 BJ4 BJ5	CJ1 CJ3 CJ5 CJ8 CJ15
SOCIOLOGY AND URBAN HISTORY: Understanding or knowledge of the relationships between the physical environment and the social environment and of the foundations of the Theory and History of human settlements, of Sociology, of the Urban Economy and of statistics as foundations of the territorial and urban studies.	AJ2 AJ4	BJ1 BJ3	CJ1 CJ2 CJ3 CJ5 CJ15
Assume as a professional and citizen the importance of learning throughout life.		BJ5	CJ2 CJ5 CJ8
Valuing the importance of research, innovation and technological development in the socio-economic and cultural advancement of society.		BJ1 BJ3 BJ4	
Develop for the exercise of an open, educated, critical, committed, democratic and supportive citizenship, capable of analyzing reality, diagnosing problems, formulating and implementing solutions based on knowledge and aimed at the common good.	AJ1 AJ2 AJ4	BJ3 BJ4	CJ3
Oral and written communication in the native language.			CJ3
Use the basic tools of information and communication technologies (ICT) necessary for the exercise of the profession and for learning throughout the life.			CJ4 CJ5
Express correctly, both orally and in writing, in the official languages of the autonomous community.	AJ8		CJ3
Aesthetic sensitivity.	AJ1 AJ2 AJ4	BJ3	CJ1 CJ15
Capacity for analysis and synthesis.			CJ1 CJ2
Critical thinking.	AJ1 AJ2 AJ4	BJ1 BJ3 BJ4	CJ1 CJ3 CJ15

Apply a critical, logical and creative thinking.	AJ1 AJ4	BJ1 BJ3 BJ4	CJ1 CJ2 CJ3 CJ5 CJ15
Behave with ethics and social responsibility as a citizen and as a professional.		BJ3 BJ4	CJ3 CJ5 CJ15
Historical Culture.			CJ15

Contents

Topic	Sub-topic
1. Fundamentals of Research in Architecture	1.1 Introduction 1.2 Architectural Research
2. The sources of information in Architecture	2.1 Primary sources 2.2 Secondary sources
3. Specific sources in Architecture	3.1 The architectural archives 3.2 Internet resources
4. Dissemination of the investigation	4.1 Types of research papers 4.2 Academic dissemination

Planning

Methodologies / tests	Competencies	Ordinary class hours	Student?s personal work hours	Total hours
Guest lecture / keynote speech	A1 A2 A4 A8 C1 C15	16	0	16
Case study	A1 A2 A4 A8 B1 B3 B4 B5 C1 C2	3	0	3
Events academic / information	B4 C8	2	0	2
Supervised projects	A1 A2 A4 A8 B1 B4 B5 C1 C2 C3 C4 C5 C8	0	50	50
Personalized attention		4	0	4

(*)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	The guest lectures/keynote speechs consist of theoretical oral presentation classes complemented by audiovisual media that facilitate the transmission of knowledge and learning. Likewise, during these sessions it is intended to achieve a certain degree of participation by the students in order to, through their involvement, promote a bidirectional, interactive and dynamic learning process.
Case study	As a complement to the guest lectures/keynote speechs and in order to promote the autonomous learning of the students, practical classes will be held in parallel. In them the students will face the resolution of specific cases in which to put into practice the contents explained in the master classes and that, at the same time, serve as a reference to the topics under study in the assigned supervised works. Likewise, throughout the course they can consider visits outside the classroom or invite a specialist on some subjects.

Events academic / information	Preparation of material synthesis of the work carried out in the subject for its joint exhibition at the end of the course in the event organized by the Department of Architectural Projects, Urbanism and Composition: "Arquitecturas en Curso. DPAUC" (panels, models, drawings, videos, texts , performances, etc.). Attendance at informative events (congresses, symposiums, conferences, etc.), organized by the ETSAC, the DPAUC, etc., indicated by the teaching staff of the subject as part of the teaching content of the course, with the aim of providing students with current knowledge and experience relating to a particular field of study.
Supervised projects	Methodology designed to promote the autonomous learning of students, under the tutelage of the teacher and in varied settings (academic and professional). It is primarily concerned with learning "how to do things". It is an option based on the assumption by students of responsibility for their own learning. This teaching system is based on two basic elements: the independent learning of the students and the monitoring of that learning by the teacher-tutor. To carry out the supervised projects, the students must carry out field investigations regarding the architectures that are the object of their own work. Students will have a certain ability to select these works. Likewise, given the supervised nature of this work, regular follow-up sessions must be held with the teaching staff, in order to optimize or, where appropriate, redirect the activities in progress.

Personalized attention	
Methodologies	**Description**
Supervised projects Case study	The personalized attention of this subject will be carried out through the monitoring in class of the students through their compulsory attendance and the development of face-to-face tutoring. Regarding tutored works, each student will be assigned a topic, among those proposed, as well as a teacher. Likewise, given the supervised nature of this work, regular follow-up sessions must be held with the teaching staff, in order to optimize or, where appropriate, redirect the activities in progress.

Assessment			
Methodologies	**Competencies**	**Description**	**Qualification**
Supervised projects	A1 A2 A4 A8 B1 B4 B5 C1 C2 C3 C4 C5 C8	Its development is fully understood individually and of a non-presential nature. In order to guarantee the authorship of the work, and the adequate acquisition of competences, in its evaluation the successive control sessions are considered relevant through face-to-face tutorials with the assigned teacher and, therefore, the degree of compliance in relation to the indications formulated in each case by the teaching staff. Other aspects to assess are: the quality of the final grammatical, graphic and documentary expression, the capacity for analysis and synthesis, the depth and rigor of the arguments and their development, critical reasoning, the search for written information sources and graphics, the ability to relate the different sections, the correction of the methodological study, the analysis carried out and the conclusions presented at the end of the work.	100

Assessment comments
As in the other subjects that make up the present postgraduate course, an attendance of no less than 80% relative to all the scheduled face-to-face sessions is also required. Second chance evaluation: In order to qualify for the second chance evaluation, the general attendance conditions must be met during the course and the supervised project must have been delivered within the corresponding period. Evaluation in advance call: To be eligible for the evaluation in advance call, the general attendance conditions must be met in a previous course and the supervised project must have been delivered within the corresponding term. Qualification of not presented: If the supervised project is not delivered within the corresponding term, the qualification will be "Not presented".Students with recognition of part-time dedication and academic waiver of attendance exemption: In these cases, as long as they have official recognition from the management of the center, the minimum attendance requirement will not be taken into account, keeping the rest of the general requirements established.

Sources of information	
Basic	- Groat, Linda y Wang, David (2013). Architectural research methods. Hoboken: Wiley - Lucas, Ray (2016). Research Methods for Architecture. London: Laurence King - Walker, Melissa (2012). Cómo escribir trabajos de investigación. Barcelona: Gedisa - Blaxter, Loraine; Hughes Christina y Tight, Malcolm (2008). Cómo se investiga. Barcelona: Graó - Eco, Umberto (2011). Cómo se hace una tesis. Barcelona: Gedisa
Complementary	- Icart Isern, M. Teresa y Pulpón Segura Anna M. (coords.) (2012). Cómo elaborar y presentar un proyecto de investigación, una tesina y una tesis. Barcelona: Universitat de Barcelona - Ramírez, Juan Antonio (1999). Cómo escribir sobre arte y arquitectura. Barcelona: Ediciones del Serbal - Melendo, Tomás (2012). Cómo elegir, madurar y confeccionar un trabajo de investigación. Madrid: Internacionales Universitarias - Sierra Bravo, Restituto (2007). Tesis doctorales y trabajos de investigación científica. Madrid: Thomson - Tolchinsky Landsman, Liliana; Escofet Roig, Anna y Rubio Hurtado, María José (2003). Tesis, tesinas y otras tesituras. De la pregunta de investigación a la defensa de la tesis. Barcelona: Universitat de Barcelona Nos trabalos tutelados, o alumnado recibirá unha bibliografía específica sobre o tema a desenvolver.

Recommendations
Subjects that it is recommended to have taken before
Subjects that are recommended to be taken simultaneously
Subjects that continue the syllabus
Other comments
&lt;p&gt;This subject raises the necessary knowledge bases for carrying out research work in architecture.&lt;/p&gt;