UNIVERSIDADE DA CORUÑA

Teaching Guide				
Identifying Data				**2022/23**
Subject (*)	Master Thesis		**Code**	770523023
Study programme	Mestrado Universitario en Eficiencia e Aproveitamento Enerxético			
Descriptors				
Cycle	**Period**	**Year**	**Type**	**Credits**
Official Master's Degree	2nd four-month period	First	Obligatory	12
Language	SpanishGalicianEnglish			
Teaching method	Face-to-face			
Prerequisites				
Department	Ciencias da Navegación e Enxeñaría MariñaEmpresaEnxeñaría IndustrialFísica e Ciencias da TerraQuímica			
Coordinador			**E-mail**	
Lecturers	Arce Fariña, María Elena	**E-mail**	elena.arce@udc.es	
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Web	moodle.udc.es			
General description	Preparation of a project, report or research work in the field of energy efficiency and use, in which the skills acquired in the studies are synthesized and integrated.			

Study programme competences	
Code	**Study programme competences**
A15	Capacidad para desarrollar un proyecto en el ámbito del máster.
B1	Que los estudiantes sepan aplicar los conocimientos adquiridos y su capacidad de resolución de problemas en entornos nuevos o poco conocidos dentro de contextos más amplios (o multidisciplinares) relacionados con su área de estudio.
B5	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.
B6	Buscar y seleccionar alternativas considerando las mejores soluciones posibles.
B7	Desarrollar las capacidades de análisis y síntesis; fomentar la discusión crítica, la defensa de argumentos y la toma de conclusiones.
B8	Incorporar el vocabulario propio para expresarse con precisión en una comunicación efectiva, tanto escrita como oral.
B9	Extraer, interpretar y procesar información, procedente de diferentes fuentes, para su empleo en el estudio y análisis.
B10	Potenciar la creatividad.
B18	Plantear y resolver problemas, interpretar un conjunto de datos y analizar los resultados obtenidos; en el ámbito de la eficiencia energética y la sostenibilidad.
C1	Adquirir la terminología y nomenclatura científico-técnica para exponer argumentos y fundamentar conclusiones.
C2	Fomentar la sensibilidad hacia temas medioambientales.
C3	Aplicar una metodología que fomente el aprendizaje y el trabajo autónomo.
C4	Desarrollar el pensamiento crítico
C5	Adquirir la capacidad para elaborar un trabajo multidisciplinar
C6	Dominar la expresión y la comprensión de un idioma extranjero.

Learning outcomes	
Learning outcomes	**Study programme competences**

The student will individually carry out an original work, submit it and defend it before a university court.	AJ15	BC1	CC1
		BC5	CC2
		BC6	CC3
		BC7	CC4
		BC8	CC5
		BC9	CC6
		BC10	
		BC18	

Contents	
Topic	Sub-topic
Contents described in the verification report	Project, report or research work in the field of energy efficiency and use, in which the competences acquired in the teachings are synthesized and integrated.

Planning				
Methodologies / tests	Competencies	Ordinary class hours	Student?s personal work hours	Total hours
Oral presentation	A15 B1 B5 B6 B7 B8 B9 B10 B18 C1 C2 C3 C4 C5 C6	1	24	25
Supervised projects	A15 B1 B5 B6 B7 B8 B9 B10 B18 C1 C2 C3 C4 C5 C6	25	250	275
Personalized attention		0		0

(*)The information in the planning table is for guidance only and does not take into account the heterogeneity of the students.

Methodologies	
Methodologies	Description
Oral presentation	Intervention inherent to the teaching-learning processes based on verbal presentation through which students and teachers interact in an orderly manner, proposing questions, making clarifications and presenting topics, works, concepts, facts or principles in a dynamic way.
Supervised projects	Methodology designed to promote autonomous learning of students under the tutelage of the teacher and in various settings (academic and professional). It refers primarily to learning "how to do things." It constitutes 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.

Personalized attention	
Methodologies	Description
Supervised projects	The tutor will supervise the development of the master's thesis until its completion.

Assessment			
Methodologies	Competencies	Description	Qualification
Oral presentation	A15 B1 B5 B6 B7 B8 B9 B10 B18 C1 C2 C3 C4 C5 C6	The student will defend his work in court and answer the questions that are asked.	100

Assessment comments

Sources of information	
Basic	
Complementary	

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

(*)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.