UNIVERSIDADE DA CORUÑA

Teaching Guide				
Identifying Data				**2023/24**
Subject (*)	Water, Sustainability and Common Good		**Code**	632549001
Study programme	Máster Universitario en Xestión Sostible da Auga			
Descriptors				
Cycle	**Period**	**Year**	**Type**	**Credits**
Official Master's Degree	1st four-month period	First	Obligatory	3
Language				
Teaching method	Face-to-face			
Prerequisites				
Department	Enxeñaría Civil			
Coordinador	Álvarez-Campana Gallo, José Manuel	**E-mail**	j.alvarez-campana@udc.es	
Lecturers	Álvarez-Campana Gallo, José Manuel	**E-mail**	j.alvarez-campana@udc.es	
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Web				
General description				

Study programme competences	
Code	**Study programme competences**
A1	CON1 Describe the principles, concepts, and dimensions that encompass integrated water resources management and its role as a key tool for achieving water security and advancing the associated Sustainable Development Goals (SDGs). Identify problems related to water development, use, and access. Identify and compare water legislation at the European, national, regional, and local levels, as well as interpret conceptual frameworks on sustainable development and their application to the water sector, with a specific focus on the SDGs. Provide tools to explain the economics of water. Enumerate aspects of public taxation that may be relevant in water management.
B1	HAB1 Use and compare water legislation and conceptual frameworks related to sustainable development. Operate with tools that allow estimating economic variables (macro and micro) related to water, and employ the tools to apply appropriate taxation and cost policies to water
C1	COM1 Validate, evaluate, and adapt water legislation for a specific situation. Synthesize the economic variables involved in a problem related to water management. Adapt conceptual frameworks, particularly the Sustainable Development Goals (SDGs), to a specific problem

Learning outcomes			
Learning outcomes	**Study programme competences**		
Comprender que el agua es un derecho humano.	AJ1	BJ1	CJ1
Entender y manejar el marco conceptual de los ODS.			
Entender y manejar el concepto de Gestión Integrada de los Recursos Hídricos			
Entender el concepto de Desarrollo Urbano Sensible al Agua			

Contents	
Topic	**Sub-topic**
1.- El agua como derecho humano. Los objetivos de desarrollo sostenible (ODS) y la gestión del agua.	-Presentación del marco conceptual ODS. -Análisis de los Objetivos, Metas e Indicadores con relación con la gestión del agua. -Análisis de la situación actual a nivel mundial y estatal. Retos para el futuro.

Planning				
Methodologies / tests	Competencies	Ordinary class hours	Student?s personal work hours	Total hours
Problem solving	A1	2	4	6
Guest lecture / keynote speech	A1	5	15	20
Workshop	A1 B1 C1	20	5	25
Directed discussion	A1	18	6	24
Personalized attention		0	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
Problem solving	Se proponen pequeños ejercicios que el alumnado analiza previamente. Se resuelven en clase en grupo. Se fomenta el debate.
Guest lecture / keynote speech	Se presentan al alumnado los contenidos básicos y se fomenta el debate en clase. Se analizan ejemplos.
Workshop	
Directed discussion	

Personalized attention	
Methodologies	Description

Assessment			
Methodologies	Competencies	Description	Qualification
Guest lecture / keynote speech	A1	Se propone un pequeño test sobre el marco conceptual de los ODS	20
Problem solving	A1	Se proponen pequeños ejercicios de aplicación de los indicadores de los ODS.	10
Workshop	A1 B1 C1		35
Directed discussion	A1		35

Assessment comments	

Sources of information	
Basic	- Naciones Unidas (). Objetivos de Desarrollo Sostenible.
	https://www.un.org/sustainabledevelopment/es/objetivos-de-desarrollo-sostenible/
	- Naciones Unidas (2015). Agua y Desarrollo Sostenible.
	https://www.un.org/spanish/waterforlifedecade/pdf/WM_IIIESP.pdf
	- Ministerio de Transición Ecológica (2020). Libro Verde de la Gobernanza del Agua en España.
	https://www.miteco.gob.es/es/agua/temas/sistema-espaniol-gestion-agua/libro-verde-gobernanza-agua_tc
	- Canal de Isabel II (2011). El agua como elemento clave para el desarrollo.
	https://www.fundacioncanal.com/canaleduca/pdf/El-agua-como-elemento-clave-para-el-desarrollo2.pdf
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.