



Teaching Guide				
Identifying Data				2015/16
Subject (*)	Enxeñería dos servizos urbanos		Code	632514039
Study programme	Mestrado Universitario en Enxeñería de Camiños, Canais e Portos			
Descriptors				
Cycle	Period	Year	Type	Credits
Official Master's Degree	1st four-month period	First	Optativa	4.5
Language	Spanish			
Teaching method	Face-to-face			
Prerequisites				
Department	Métodos Matemáticos e de Representación			
Coordinador	Cagiao Villar, Juan	E-mail	juan.cagiao.villar@udc.es	
Lecturers	Cagiao Villar, Juan	E-mail	juan.cagiao.villar@udc.es	
Web	www.lis.edu.es			
General description	Ciudades inteligentes: el urbanismo de las redes y las TICS			

Study programme competences	
Code	Study programme competences

Learning outcomes			
Learning outcomes			Study programme competences
			A1
			A1
			A1
			A1
			A1
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			A1
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			A1
			A1
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			A1
			A1
			A1
			A1

Contents	
Topic	Sub-topic
1.-El metabolismo urbano	
2.- Ciudades inteligentes: el urbanismo de las redes y las TICS	
3.- Las redes y el espacio público	
4.- Huella ecológica de ciudades	
5.- Cambio climático y su influencia en las ciudades	

Planning				
Methodologies / tests	Competencies	Ordinary class hours	Student?s personal work hours	Total hours



Seminar		102	0	102
Guest lecture / keynote speech		10.5	0	10.5
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
Seminar	
Guest lecture / keynote speech	

Personalized attention	
Methodologies	Description

Assessment			
Methodologies	Competencies	Description	Qualification

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.
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