



Teaching Guide

Teaching Guide				
Identifying Data				2020/21
Subject (*)	Final Project. Mention in Computer Science		Code	614G01106
Study programme	Grao en Enxeñaría Informática			
Descriptors				
Cycle	Period	Year	Type	Credits
Graduate	2nd four-month period	Fourth	Obligatory	12
Language	SpanishGalicianEnglish			
Teaching method	Face-to-face			
Prerequisites				
Department	Ciencias da Computación e Tecnoloxías da InformaciónComputaciónEmpresaEnxeñaría de ComputadoresEnxeñaría Naval e IndustrialMatemáticas			
Coordinador		E-mail		
Lecturers	, Alonso Betanzos, Maria Amparo Barreira Rodriguez, Noelia Bellas Bouza, Francisco Javier Bolón Canedo, Verónica Cabalar Fernandez, Jose Pedro Carballal Mato, Adrián Castro Martinez, Alfonso Dafonte Vazquez, Jose Carlos Dorado de la Calle, Julian Fernández Blanco, Enrique Fernández López-Vizcaíno, Manuel Fernández Lozano, Carlos Fontenla Romero, Oscar Gestal Pose, Marcos Gómez Rodríguez, Carlos Gonzalez Penedo, Manuel Guijarro Berdiñas, Berta M. Lorenzo Freire, Silvia Moret Bonillo, Vicente Novo Bujan, Jorge Ortega Hortas, Marcos Parapar López, Javier Prieto Garcia, Abraham Rivero Cebrián, Daniel Romero Montero, Alejandro Rouco Maseda, Jose Sanchez Maroño, Noelia Vilares Ferro, Jesus	E-mail	daniel.garabato@udc.es amparo.alonso.betanzos@udc.es noelia.barreira@udc.es francisco.bellas@udc.es veronica.bolon@udc.es pedro.cabalar@udc.es adrian.carballal@udc.es alfonso.castro@udc.es carlos.dafonte@udc.es julian.dorado@udc.es enrique.fernandez@udc.es manuel.fernandezl@udc.es carlos.fernandez@udc.es oscar.fontenla@udc.es marcos.gestal@udc.es carlos.gomez@udc.es manuel.gpenedo@udc.es berta.guijarro@udc.es silvia.lorenzo@udc.es vicente.moret@udc.es j.novo@udc.es m.ortega@udc.es javier.parapar@udc.es abraham.prieto@udc.es daniel.rivero@udc.es alejandro.romero.montero@udc.es jose.rouco@udc.es noelia.sanchez@udc.es jesus.vilares@udc.es	
Web				
General description	O Traballo Fin de Grao é un exercicio orixinal a realizar individualmente e que para a súa superación será presentado e defendido ante un tribunal universitario, consistente nun proxecto no ámbito das tecnoloxías específicas da Enxeñaría en Informática de natureza profesional no que se sinteticen e integren as competencias adquiridas nas ensinanzas.			



Contingency plan	1. Modifications to the contents
	2. Methodologies
	*Teaching methodologies that are maintained
	*Teaching methodologies that are modified
	3. Mechanisms for personalized attention to students
	4. Modifications in the evaluation
	*Evaluation observations:
	5. Modifications to the bibliography or webgraphy

Study programme competences	
Code	Study programme competences
A59	Exercicio orixinal que se realizará individualmente e se presentará e defenderá perante un tribunal universitario, consistente nun proxecto no ámbito das tecnoloxías específicas da enxeñaría en informática de natureza profesional en que se sintetizen e integren as competencias adquiridas nas ensinanzas. Este proxecto realizarase no contexto da tecnoloxía específica elixida polo estudante de entre as cinco ofertadas.
B1	Capacidade de resolución de problemas
B2	Traballo en equipo
B3	Capacidade de análise e síntese
B4	Capacidade para organizar e planificar
B7	Preocupación pola calidade
B8	Capacidade de traballar nun equipo interdisciplinar
B9	Capacidade para xerar novas ideas (creatividade)
C1	Expresarse correctamente, tanto de forma oral coma escrita, nas linguas oficiais da comunidade autónoma.
C2	Dominar a expresión e a comprensión de forma oral e escrita dun idioma estranxeiro.
C4	Desenvolverse para o exercicio dunha cidadanía aberta, culta, crítica, comprometida, democrática e solidaria, capaz de analizar a realidade, diagnosticar problemas, formular e implantar solucións baseadas no coñecemento e orientadas ao ben común.
C6	Valorar criticamente o coñecemento, a tecnoloxía e a información dispoñible para resolver os problemas cos que deben enfrontarse.
C7	Asumir como profesional e cidadán a importancia da aprendizaxe ao longo da vida.
C8	Valorar a importancia que ten a investigación, a innovación e o desenvolvemento tecnolóxico no avance socioeconómico e cultural da sociedade.

Learning outcomes			
Learning outcomes		Study programme competences	
Individual original work to be presented before a university panel, consisting in a professional IT-specific project that demonstrates the acquisition of software engineering skills. The specific context for this work is Computer Science.		A59	C1
		B1	C2
		B2	C4
		B3	C6
		B4	C7
		B7	C8
		B8	
		B9	

Contents



Topic	Sub-topic
Individual degree project	DP proposal

Planning				
Methodologies / tests	Competencies	Ordinary class hours	Student's personal work hours	Total hours
Seminar	B3 B4 B7 C1 C2	5	20	25
Aprendizaxe servizo	C4 C6 C7 C8	0	0	0
Supervised projects	A59 B1 B2 B3 B4 B7 B8 B9 C1 C2 C4 C6 C7 C8	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
Seminar	Seminars will be held to help with the elaboration and writing of the degree project.
Aprendizaxe servizo	Development of the degree project in the context of real local needs, with the goal of contributing to its improvement, in collaboration with an external entity, and with the aim to provide some service to the community. This methodology is one possibility of development of the degree project, but it is not a requirement.
Supervised projects	There are no lectures or lab sessions, and thus the attendance to learning activities are limited to the supervising formative sessions with the student's supervisor.

Personalized attention	
Methodologies	Description
Supervised projects	Individual supervision sessions between supervisor(s) and student will be carried out to assist in the elaboration, writing and presentation of the degree project.

Assessment			
Methodologies	Competencies	Description	Qualification
Supervised projects	A59 B1 B2 B3 B4 B7 B8 B9 C1 C2 C4 C6 C7 C8	O Traballo Fin de Grao será defendido diante dun tribunal e na súa valoración terase en conta: - Calidade e alcance do traballo realizado - Valoración da memoria - Presentación oral	100

Assessment comments
The evaluation rules are stated in the "Regulamento dos Traballos Fin de Grao do título de Graduado en Enxeñaría Informática pola UDC, impartido na Facultade de Informática da Coruña (aprobado pola Xunta de Centro o 10 de xuño de 2013)".

Sources of information	
Basic	A bibliografía e fontes de información serán proporcionadas polo director/a do TFG en función do tema elixido.
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

Before handing in the degree project, the student must have passed all credits but the ones corresponding to the TFG.

(*)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.