



Teaching Guide				
Identifying Data			2021/22	
Subject (*)	Final Project. Mention in Software Engineering		Code	614G01092
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 InformaciónCiencias da SaúdeComputaciónEmpresaEnxeñaría de ComputadoresPedagogía e Didáctica			
Coordinador	Parapar López, Javier		E-mail	javier.parapar@udc.es
Lecturers	Andrade Garda, Javier Barreira Rodriguez, Noelia Barreiro Garcia, Álvaro Bellas Permuy, Fernando Castro Souto, Laura Milagros Fernández Lozano, Carlos Gestal Pose, Marcos Gonzalez Gomez, Patricia Landín Piñeiro, Alfonso Losada Perez, Jose Martín Rodilla, Patricia Martinez Perez, María Novo Bujan, Jorge Ortega Hortas, Marcos Parapar López, Javier Pardo Martínez, Xoán Carlos Pedreira Fernández, Oscar Raposo Santiago, Juan Rey Expósito, Roberto Rodriguez Penabad, Miguel Rodriguez Yañez, Santiago Rouco Maseda, Jose Suárez Garaboa, Sonia Maria Touríño Dominguez, Juan		E-mail	javier.andrade@udc.es noelia.barreira@udc.es alvaro.barreiro@udc.es fernando.bellas@udc.es laura.milagros.castro.souto@udc.es carlos.fernandez@udc.es marcos.gestal@udc.es patricia.gonzalez@udc.es alfonso.landin@udc.es jose.losada@udc.es patricia.martin.rodilla@udc.es maria.martinez@udc.es j.novo@udc.es m.ortega@udc.es javier.parapar@udc.es xoan.pardo@udc.es oscar.pedreira@udc.es juan.raposo@udc.es roberto.rey.exposito@udc.es miguel.penabad@udc.es santiago.rodriguez@udc.es jose.rouco@udc.es sonia.suarez@udc.es juan.tourino@udc.es
Web	campusvirtual.udc.es			
General description	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.			



Contingency plan	1. Modifications to the contents: none 2. Methodologies: unchanged 3. Mechanisms for personalized attention to students: online 4. Modifications in the evaluation: none 5. Modifications to the bibliography or webgraphy: none The presentation of the work to the evaluation panel will take place via Teams, if in-person presentation would not be advisable at the time.
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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 Software Engineering.		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	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	Online 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 tutoring activities are limited to those agreed to by both the supervisor and the supervisee, that will preferably take place online (email or institutional online tools).

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/a 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.