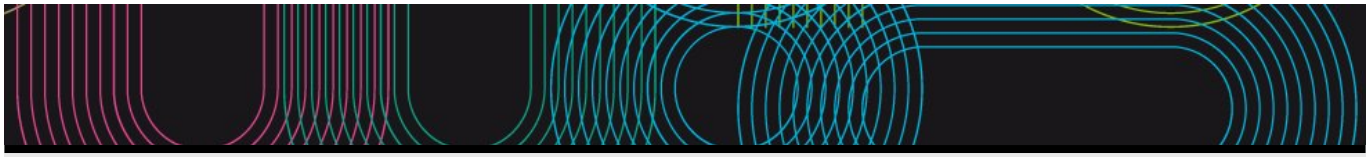

IDENTIFYING DATA				
Final Degree Work				
Subject	Final Degree Work			
Code	V05G300V01991			
Study programme	(*)Grao en Enxeñaría de Tecnoloxías de Telecomunicación			
Descriptors	ECTS Credits	Choose	Year	Quadmester
	12	Mandatory	4th	2nd
Teaching language	Spanish			
Department				
Coordinator	Fernández Veiga, Manuel			
Lecturers	Fernández Veiga, Manuel			
E-mail	mveiga@det.uvigo.es			
Web	http://faitic.uvigo.es			
General description	The Bachelor Thesis (TFG) is a constituent part, as a unit module, of the curriculum of Degree in Engineering of Technologies of Telecommunication. It is an original and personal work that each student will realise autonomously under educational supervision, and has to allow him to show in a comprehensive form the acquisition of the formative contents and the competences associated to the title. His definition and contents are explained of form more extensive in the rule for the realisation of the Work of End of Degree approved by the Academic Commission of Degree, in session celebrated the 3/4/2013, whose content can consult in the web of the School of Engineering of Telecommunication.			

Competencies	
Code	
A1	Students have demonstrated knowledge acquisition and understanding in the field of study. This knowledge begins based on general secondary education, and it is typically at a level that, although advanced textbooks would support it, includes some aspects at the forefront of their field of study.
A2	Students can apply their knowledge to their jobs in a professional way and they have competences that are typically demonstrated through devising and sustaining arguments and solving problems within their field of study.
A4	Students can communicate information, ideas, problems and solutions to both general and specialized public.
B1	CG1: The ability to write, develop and sign projects in the field of Telecommunication Engineering, according to the knowledge acquired as considered in section 5 of this Law, the conception and development or operation of networks, services and applications of Telecommunication and Electronics.
B2	CG2: The knowledge, comprehension and ability to apply the needed legislation during the development of the Technical Telecommunication Engineer profession and aptitude to manage compulsory specifications, procedures and laws.
B4	CG4: The ability to solve problems with initiative, to make creative decisions and to communicate and transmit knowledge and skills, understanding the ethical and professional responsibility of the Technical Telecommunication Engineer activity.
B9	CG9: The ability to work in multidisciplinary groups in a Multilanguage environment and to communicate, in writing and orally, knowledge, procedures, results and ideas related with Telecommunications and Electronics.
B10	CG10 The ability for critical reading of scientific papers and docs.
B14	CG14 The ability to use software tools to search for information or bibliographical resources.
C90	(CE90/TFG)Original and individual exercise to be defended before an examining board consisting of a project in a specific technology of Telecommunication Engineering and of a professional nature, where the abilities acquired from the teachings are integrated and synthesized.
D1	CT1 Development of sufficient autonomy to carry out works within the area of Telecommunications in interdisciplinary contexts.
D2	CT2 Understanding Engineering within a framework of sustainable development.
D4	CT4 Encourage cooperative work, and skills like communication, organization, planning and acceptance of responsibility in a multilingual and multidisciplinary work environment, which promotes education for equality, peace and respect for fundamental rights.

Learning outcomes

Expected results from this subject		Training and Learning Results		
Search, management and structuring of information on any topic	A2	B2 B10 B14		D1
Development and writing of a project document which are collected: history, state of the art or problematic, objectives, project phases, project development, conclusions and future lines.	A2	B1 B10		D1 D2 D4
Prototyping, programming simulation software, etc., according to specifications.	A4	B1 B2 B4 B9	C90	
CG1: The ability to write, develop and sign projects in the field of Telecommunication Engineering, according to the knowledge acquired as considered in section 5 of this Law, the conception and development or operation of networks, services and applications of Telecommunication and Electronics.	A1	B1	C90	D1 D2 D4

Contents

Topic	
The contents of each TFG will be defined in individual proposals offered by tutors and approved by the Academic Degree Commission under the rules for carrying out the Final Project Work, which content is available on the website of the School of Telecommunication Engineering.	Each TFG will have different contents

Planning

	Class hours	Hours outside the classroom	Total hours
Previous studies / activities	0	20	20
Integrated methodologies	0	20	20
Presentations / exhibitions	0	8	8
Tutored works	30	210	240
Jobs and projects	2	10	12

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

Methodologies

	Description
Previous studies / activities	Search, read and work documentation, troubleshooting suggestions and / or exercises to be performed in the classroom and / or laboratory ... independently by students.
Integrated methodologies	The student presents the results obtained in the preparation of a document on the subject matter. It will be carried out individually, and both in writing (memory) and orally.
Presentations / exhibitions	Students must prepare and defend the work in front of a jury.
Tutored works	The student, individually, produces a paper on the subject matter, or he/she prepares seminars, research, memoirs, essays, summaries, etc.

Personalized attention

Methodologies	Description
Tutored works	Each tutor will devote some time to personally respond to each student work to grade their dependents, to guide their work and guide the learning process, and to review and correct memory and oral presentation.

Assessment

	Description	Qualification	Training and Learning Results
Jobs and projects	A panel of three teachers for each of the mentions of the Degree shall be appointed. The evaluation was carried out according to the rules for carrying out the Final Year Work and assessment rubric approved by the Academic Degree Committee, which contents are available on the website of the school of Telecommunication Engineering.	100	

Other comments on the Evaluation

All information related to the TFG is available on the website of the School of Telecommunication Engineering at the following link:

http://www.teleco.uvigo.es/index.php/es/estudios/gett/planificacion-academica/tfg

Sources of information

The bibliography will be specific to each individual proposed work.

Recommendations

Other comments

Having passed all necessary subjects to obtain the Bachelor degree except the TFG, or enroll simultaneously in all subjects.