



Escola de Enxeñaría de Telecomunicación

(*)Páxina web

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www.teleco.uvigo.es

(*)Presentación

The School of Telecommunication Engineering (EET) is a higher education school of the University of Vigo that offers Bachelor's degrees, Master's degrees and Doctoral programs in the fields of Telecommunications Engineering.

Bachelor's Degree in Telecommunication Technologies Engineering (EUR-ACE®).

The main goal of the Bachelor's Degree in Telecommunication Technologies Engineering is to form professionals at the forefront of technological knowledge and professional competences in telecommunication engineering. This Bachelor has been recognized with the best quality seals, like the EUR-ACE's. **It has a bilingual option: up to 80% of the degree credits can be taken in English.**

http://teleco.uvigo.es/images/stories/documentos/gett/degree_telecom.pdf

www: <http://teleco.uvigo.es/index.php/es/estudios/gett>

Master in Telecommunication Engineering

The Master in Telecommunication Engineering is a Master's degree that qualifies to exercise the profession of Telecommunication Engineer, in virtue of the established in the Order CIN/355/2009 of 9 of February.

http://teleco.uvigo.es/images/stories/documentos/met/master_telecom_rev.pdf

www: <http://teleco.uvigo.es/index.php/es/estudios/mit>

Interuniversity Masters

The current academic offer includes interuniversity master's degrees that are closely related to the business sector:

Master in Cybersecurity: www: <https://www.munics.es/>

Master in Industrial Mathematics: www: <http://m2i.es>

International Master in Computer Vision: www: <https://www.imcv.eu/>

(*)Equipo directivo

MANAGEMENT TEAM

Directora: Rebeca Pilar Díaz Redondo (teleco.direccion@uvigo.gal)

Secretaría e Subdirección de Novas Titulacións: Pedro Rodríguez Hernández

(teleco.subdir.secretaria@uvigo.gal;teleco.subdir.novastitulacions@uvigo.gal)

Subdirección de Organización Académica: Pedro Comesaña Alfaro (teleco.subdir.academica@uvigo.gal)

Subdirección de Relaciones Internacionais e Subdirección de Infraestructuras: María Verónica Santalla del Río (teleco.subdir.internacional@uvigo.gal; teleco.subdir.infraestructuras@uvigo.gal)

Subdirección Difusión e Captación: Laura Docio Fernández (teleco.subdir.captacion@uvigo.gal)

Subdirección de Calidade: Ana María Cao Paz(teleco.subdir.calidade@uvigo.gal)

BACHELOR'S DEGREE IN TELECOMMUNICATION TECHNOLOGIES ENGINEERING

Generalcoordinator: Lucía Costas Pérez (teleco.grao@uvigo.gal)

<https://teleco.uvigo.es/es/documentos/acordos-es/comisions-academicas-es/miembros-de-la-comision-academica-del-gett/>

MASTER IN TELECOMMUNICATION ENGINEERING

Generalcoordinator: Manuel García Sánchez (teleco.master@uvigo.gal)

<https://teleco.uvigo.es/es/documentos/acordos-es/comisions-academicas-es/miembros-de-la-comision-academica-del-met/>

MASTER INCYBERSECURITY

General coordinator:Ana Fernández Vilas (teleco.munics@uvigo.gal)

<https://teleco.uvigo.es/es/documentos/acordos-es/comisions-academicas-es/miembros-de-la-comision-academica-del-munics/>

MASTER IN INDUSTRIAL MATHEMATICS

Generalcoordinator: Elena Vázquez Cendón (USC)

UVigo coordinator:José Durany Castrillo (durany@dma.uvigo.es)

<http://www.m2i.es/?seccion=coordinacion>

INTERNATIONAL MASTER IN COMPUTER VISION

General coordinator: Xose Manuel Pardo López (USC)

UVigo coordinator:José Luis Alba Castro (jalba@gts.uvigo.es)

<https://www.imcv.eu/legal-notice/>

MASTER'S DEGREE IN QUANTUM INFORMATION SCIENCE AND TECHNOLOGIES (MQIST)

General coordinator: Javier Mas (USC)

Coordinador UVIGO: Manuel Fernández Veiga(teleco.mqist@uvigo.es)

<https://quantummastergalicia.es/info>

Máster Universitario en Visión por Computador

Subjects

Year 2nd

Code	Name	Quadmester	Total Cr.
V05M185V01301	Master dissertation	1st	30

IDENTIFYING DATA				
Master dissertation				
Subject	Master dissertation			
Code	V05M185V01301			
Study programme	Máster Universitario en Visión por Computador			
Descriptors	ECTS Credits	Choose	Year	Quadmester
	30	Mandatory	2nd	1st
Teaching language	English			
Department				
Coordinator				
Lecturers	Alba Castro, José Luis Balado Frías, Jesús Baptista Rios, Marcos Cabaleiro Barciela, Bernardo Martínez Sánchez, Joaquín Pérez Cabo, Daniel Saez Tort, Margarita Soilán Rodríguez, Mario			
E-mail				
Web	http://imcv.eu			
General description	The main objective of the TFM is the analysis, design, implementation and validation of a project, carried out individually, related to computer vision. It can be developed in a company or entity with proven experience in R & D & i projects, being tutored by a professional in the field. The project must provide innovation components that go beyond the simple development of an application, service or standard line of business. The TFM must promote the contribution of added value by the student in innovative projects and their direct relationship with the labor market or with some cutting-edge research aspect.			

Training and Learning Results	
Code	
A4	CB9 Students should be able to communicate their findings - and the ultimate knowledge and reasons behind them - to specialist and non-specialist audiences in a clear and unambiguous manner
B2	Ability to analyse the needs of a company in the computer vision field and determine the best technical solution for it
B3	Ability to develop computer vision systems depending on the existent needs and apply the most suitable technological tools
B4	Capacity for critical analysis and rigorous evaluation of technologies and methodology
B5	Ability to identify unsolved problems and provide innovative solutions
B6	Ability to identify theoretical results or new technologies with innovative potential and turn them into products and services useful to society
C4	To conceive, develop and evaluate complex computer vision systems
C8	To communicate and disseminate research results and conclusions
D1	To practice the profession with a clear awareness of its human, economic, legal and ethical dimensions and with a clear commitment to quality and continuous improvement
D2	Capacity for teamwork, organization and planning
D3	Development of the innovative and entrepreneurial spirit

Expected results from this subject	
Expected results from this subject	Training and Learning Results
New	A4
	B2
	B3
	B4
	B5
	B6
	C4
	C8
	D1
	D2
	D3

Contents

Topic

The Master's Thesis will consist of an original exercise carried out individually, consisting of a research or innovation project related to computer vision. The project may be carried out at the proposal of a company, public organization, university, research center or technology center that has signed a collaboration agreement with some of the universities participating in the master's degree or in a research group of the USC, UDC, UVigo or UPorto. In all cases, the TFM will be tutored by professors from the departments involved in the teaching of the Master, or by doctoral professors from the participating universities who have the authorization of the Interuniversity Academic Committee.

Planning

	Class hours	Hours outside the classroom	Total hours
Mentored work	29	720	749
Essay	1	0	1

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

Methodologies

	Description
Mentored work	The tutors will guide the work with face-to-face or on-line meetings.

Personalized assistance

Methodologies	Description
Mentored work	

Assessment

	Description	Qualification	Training and Learning Results			
Essay	Written work 70%	100	A4	B2	C4	D1
				B3	C8	D2
	Presentation and defense 30%			B4		D3
				B5		
				B6		

Other comments on the Evaluation

Plan of Contingency for alternative stages:

On-line meetings and final assessment can be done on-line due to exceptional causes

Sources of information

Basic Bibliography

Complementary Bibliography

Recommendations

Other comments

Before the defense of the MT all the matters have to be surpassed