

**COURSES TAUGHT IN ENGLISH FRIENDLY<sup>1</sup> AT  
GRADUATE LEVEL - 2021/22**

DEGREE CODE	PROGRAM NAME IN ENGLISH	PROGRAM NAME IN SPANISH	COURSE CODE	COURSE NAME IN ENGLISH	COURSE NAME IN SPANISH	PERIOD (*)	ECTS	TYPE (**)
M125	MASTER'S DEGREE IN TELECOMMUNICATIONS ENGINEERING	MÁSTER UNIVERSITARIO EN INGENIERÍA DE TELECOMUNICACIÓN	201808	CONTENTS DISTRIBUTION NETWORKS	REDES DE DISTRIBUCIÓN DE CONTENIDOS	2	4,5	M
			201809	RADIO-COMMUNICATION AND RADIO-DETERMINATION SYSTEMS	SISTEMAS DE RADIOCOMUNICACIÓN Y RADIO-DETERMINACIÓN	2	6	M
			201810	HIGH CAPACITY DIGITAL COMMUNICATIONS	COMUNICACIONES DIGITALES DE ALTA CAPACIDAD	2	4,5	M
			201811	DIGITAL SIGNAL PROCESSING IN COMMUNICATIONS	TRATAMIENTO DIGITAL DE SEÑALES EN COMUNICACIONES	2	3	M
			201813	MICROELECTRONIC TECHNOLOGY	TECNOLOGÍA MICROELECTRÓNICA	2	3	M
			201814	PHOTONIC TECHNOLOGY	TECNOLOGÍA FOTÓNICA	2	3	M
			201818	TELECOMMUNICATION SYSTEMS AND TECHNOLOGIES	SISTEMAS Y TECNOLOGÍAS DE TELECOMUNICACIÓN	1	4,5	M
			201819	ELECTRONIC CIRCUIT DESIGN FOR COMMUNICATIONS	DISEÑO DE CIRCUITOS ELECTRÓNICOS PARA COMUNICACIONES	1	6	M

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			201820	PROJECT MANAGEMENT	GESTIÓN DE PROYECTOS	1	6	M
			201827	SIGNAL PROCESSING TECHNIQUES FOR SMART ENVIRONMENTS	TÉCNICAS DE PROCESADO DE SEÑAL EN ENTORNOS INTELIGENTES	1, 2	6	E
			201828	REMOTE SENSING: TECHNOLOGIES AND APPLICATIONS	TELEDETECCIÓN: TECNOLOGÍAS Y APLICACIONES	1	6	E
			201829	UNMANNED VEHICLES GUIDANCE	GUIADO DE VEHÍCULOS NO TRIPULADOS	2	6	E
			201830	AEROSPACE SYSTEMS ENGINEERING	INGENIERÍA EN SISTEMAS AEROESPACIALES	2	6	E
			201831	SOFTWARE FOR AEROSPACE APPLICATIONS	SOFTWARE PARA APLICACIONES AEROESPACIALES	1	6	E
			201827	SIGNAL PROCESSING TECHNIQUES FOR SMART ENVIRONMENTS	TÉCNICAS DE PROCESADO DE SEÑAL EN ENTORNOS INTELIGENTES	1, 2	6	E
			201833	GEOLOCATION	GEOLOCALIZACIÓN	2	6	E
			201836	ROAD SAFETY TECHNOLOGIES	TECNOLOGÍAS PARA LA SEGURIDAD VIAL	1	6	E

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			201837	SMART VEHICLES	VEHÍCULOS INTELIGENTES	1, 2	6	E
M144	MASTER'S DEGREE IN INDUSTRIAL ENGINEERING	MÁSTER UNIVERSITARIO EN INGENIERÍA INDUSTRIAL	201986	PRODUCTION AND MANUFACTURING ENGINEERING	TÉCNICAS DE FABRICACIÓN Y PRODUCCIÓN	1	4,5	M
			201996	PROJECT MANAGEMENT AND TECHNOLOGICAL INNOVATION	DIRECCIÓN DE PROYECTOS INDUSTRIALES E INNOVACIÓN TECNOLÓGICA	1	6	M
			201999	TRANSPORT ENGINEERING	INGENIERÍA DE TRANSPORTE	1	3	M
			202003	MOBILE ROBOTICS	ROBÓTICA MÓVIL	2	6	E
			202005	PERCEPTION SYSTEMS	SISTEMAS DE PERCEPCIÓN	2	6	E
			202008	EMBEDDED SYSTEMS FOR ROBOTICS	SISTEMAS EMPOTRADOS EN EL ÁMBITO DE LA ROBÓTICA	2	6	E
			202009	ARTIFICIAL INTELLIGENCE IN AUTONOMOUS SYSTEMS	INTELIGENCIA ARTIFICIAL EN LOS SISTEMAS DE CONTROL AUTÓNOMO	2	6	E

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			202010	INTELLIGENT SYSTEMS IN TRANSPORT	CONTROL INTELIGENTE EN SISTEMAS DE TRANSPORTE	2	6	E
			202015	MONITORING AND CONTROL OF POWER GRIDS	MONITORIZACIÓN Y CONTROL DE REDES DE ENERGÍA	2	6	E
			202016	INTRODUCTION TO SMART GRIDS	INTRODUCCIÓN A LAS REDES INTELIGENTES DE ENERGÍA	2	6	E
			202453	CLEANER TECHNOLOGIES FOR SUSTAINABLE INDUSTRIAL ACTIVITIES	TECNOLOGÍAS LIMPIAS PARA LA MEJORA AMBIENTAL DE LAS ACTIVIDADES INDUSTRIALES	2	6	E

Note: All courses are taught on a blended learning basis.

(\*) 1: 1<sup>st</sup> period/semester (September to January),

2: 2<sup>nd</sup> period (February to May)

(\*\*) M: Mandatory, E: Elective

(\*\*\*) English Friendly courses means that lectures are taught in Spanish, but:

- all the documentation (lecture notes, exercises, laboratory guides, examples, etc.) is provided in English,
- teachers will respond and attend the students in English, and
- exams will be provided and corrected in English.

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