

LIST OF COURSES TAUGHT IN ENGLISH (OR ENGLISH FRIENDLY) OFFERED BY ETSII - 2020/21 ACADEMIC YEAR

MASTER LEVEL

Important information to read before choosing the courses!!!!

Please PAY ATTENTION TO THE REMARKS written in each course in order to avoid confusions.

(1) T.E. means that the course will be taught in English; laboratory sessions (practical session) are not 100% guaranteed to be in English.

(2) E.F. means English friendly. This way of teaching only assures that questions asked in class and tutorials can be answered in English.

Courses only possible taking for students with an official B1 Spanish level.

MÁSTER UNIVERSITARIO EN INGENIERO INDUSTRIAL – MASTER IN INDUSTRIAL ENGINEERING

Code	Course Name	ECTS	Semester	TE ⁽¹⁾	EF ⁽²⁾	Lecturer / Group	Remarks
33804	DIRECCIÓN DE OPERACIONES OPERATIONS MANAGEMENT	4,5	1A		<input checked="" type="checkbox"/>	Julien Maheut	5II The exam questions will be written in Spanish, not English. The teaching material is also in Spanish. (Only recommended for students with high level of Spanish)
33805	DIRECCIÓN DE EMPRESA MANAGEMENT	4,5	1A	<input checked="" type="checkbox"/>		Parte 1: Esperanza Suárez Ruz	5II
				<input checked="" type="checkbox"/>		Parte 2: Martínez Gómez, Mónica	
33813	INSTRUMENTACIÓN Y CONTROL INDUSTRIAL ADVANCED ELECTRONICS AND CONTROL SYSTEMS	4,5	1A	<input checked="" type="checkbox"/>		Control: César Ramos	5II
					<input checked="" type="checkbox"/>	Electronics: not taught in English	
33812	TECNOLOGÍA QUÍMICA INDUSTRIAL INDUSTRIAL AND CHEMICAL TECHNOLOGY	4,5	1A		<input checked="" type="checkbox"/>	Jose Antonio Mendoza	5IA
33811	GENERACIÓN, TRANSPORTE Y DISTRIBUCIÓN DE ENERGÍA ELÉCTRICA INSTALLATIONS: GENERATION, TRANSPORT AND DISTRIBUTION OF ELECTRICITY	4,5	1B	<input checked="" type="checkbox"/>		Guillermo Escrivá Carlos Roldán Blay	5II Previous knowledge needed on: 1. Circuit theory. Sinusoidal steady state and three phase circuits. 2. Electrical machines. Transformers and motors The exam questions will be written only in Spanish.
33803	DIRECCIÓN DE PROYECTOS PROJECT MANAGEMENT	4,5	1B	<input checked="" type="checkbox"/>		Miguel Ángel Sánchez Romero	5II 5EI
33814	AMPLIACIÓN DE ENERGÍA Y MÁQUINAS TÉRMICAS ADVANCED COURSE IN THERMAL ENERGY AND MACHINES	4,5	1B	<input checked="" type="checkbox"/>		Part 1: Carlos Guardiola Part 2: M ^a Teresa Barrachina	5II
33806	CONSTRUCCIÓN, ARQUITECTURA Y URBANISMO INDUSTRIAL CONSTRUCTION, ARCHITECTURE AND INDUSTRIAL URBAN PLANNING	5,25	1B		<input checked="" type="checkbox"/>	Julia Deltoro Soto	5II
34554	LOGISTICS AND SUPPLY CHAIN PROCESSES	4,5	2A	<input checked="" type="checkbox"/>		Maheut, Julien Philippe	6OICA This course will appear in AIRE in semester B. Choose this one in your application. Later, when you have to choose groups, you must take 6OICA .
33781	ROBÓTICA MÓVIL MOBILE ROBOTICS	4,5	2B	<input checked="" type="checkbox"/>		Leopoldo Armesto	6OIE
33769	RESPONSABILIDAD SOCIAL DE LA INGENIERIA SOCIAL RESPONSIBILITY OF ENGINEERING	4,5	2B	<input checked="" type="checkbox"/>		Jiménez Saez, Fernando Miralles Insa, Cristóbal Javier	6OIF

LIST OF COURSES TAUGHT IN ENGLISH (OR ENGLISH FRIENDLY) OFFERED BY ETSII - 2019/20 ACADEMIC YEAR_MASTER

33775	CONTROL DE CALIDAD EN PROCESOS INDUSTRIALES <i>QUALITY CONTROL IN INDUSTRIAL PROCESSES</i>	4,5	2B	<input checked="" type="checkbox"/>		Francisco Aparisi García	6OIF	
33800	EMPRENDIMIENTO Y GESTIÓN DE LA INNOVACIÓN Y LA TECNOLOGÍA <i>ENTREPRENEURSHIP AND INNOVATION MANAGEMENT AND TECHNOLOGY</i>	4,5	2B	<input checked="" type="checkbox"/>		Jose David Barbera Tomas	6OIC	
34251	<i>RECRUITMENT SKILLS - QB</i>	4,5	2B	<input checked="" type="checkbox"/>		Antonio Reig Fabado	6OIC	
34555	<i>RECRUITMENT SKILLS - QA</i>	4,5	2A	<input checked="" type="checkbox"/>		Antonio Reig Fabado	6OIC	
34252	<i>ADVANCED PERFORMANCE MEASUREMENTS SYSTEMS</i>	4,5	2B	<input checked="" type="checkbox"/>		Raúl Rodríguez Rodríguez Juan José Alfaro Saiz María José Verdecho Sáez	6OIC 6OIC 6OIC	
34253	<i>SYSTEMATIC INNOVATIVE THINKING FOR ENGINEERS AND RESEARCHES</i>	4,5	2B	<input checked="" type="checkbox"/>		Jose Miguel Vicente Gomila	6OIC	
34254	<i>ORGANIZATIONAL BEHAVIOR</i>	4,5	2B	<input checked="" type="checkbox"/>		Alexis Bañón Gomis	6OIC	
33790	MERCADOS DE LA ENERGÍA <i>ENERGY MARKETS</i>	4,5	2B	<input checked="" type="checkbox"/>		Alcázar Ortega, Manuel Álvarez Bel, Carlos María Peñalvo López, Elisa	6OIF	
33767 33712 33798	SIMULACIÓN ENERGÉTICA DE EDIFICIOS <i>ENERGY SIMULATION OF BUILDINGS</i>	4,5	2B	<input checked="" type="checkbox"/>		Soto Francés, Víctor	6OIA	Most of the teaching material is translated to English.
33782	<i>WORK STUDY AND PROCESS DESIGN</i>	4,5	2B	<input checked="" type="checkbox"/>		Maheut, Julien Philippe Miralles Insa, Cristóbal Javier	6OIF	
33783	CONSULTORÍA DE OPERACIONES <i>OPERATIONS CONSULTING</i>	4,5	2B	<input checked="" type="checkbox"/>		Maheut, Julien Philippe Sergio Devis	6OID	
34554	<i>LOGISTICS AND SUPPLY CHAIN PROCESSES</i>	4,5	2B	<input checked="" type="checkbox"/>		Maheut, Julien Philippe	6OIF	
34553	<i>ENERGY AND SUSTAINABLE DEVELOPMENT</i>	4,5	2B	<input checked="" type="checkbox"/>		Patricia Mayo Nogueira	6OIC	
33789	DISEÑO PARA LA FABRICACIÓN <i>DESIGN FOR MANUFACTURING</i>	4,5	2B		<input checked="" type="checkbox"/>	J. Antonio García-Manrique	6OIB	Material and exam available in English.
33737	TECNOLOGÍA CERÁMICA <i>TECNOLOGÍA CERÁMICA</i>	4.5	2A	<input checked="" type="checkbox"/>		Orozco Messana, Javier		

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(2) **EF: English Friendly:** courses taught in Spanish, but you can ask and get an answer in English both during the lectures and in tutorials.

MÁSTER UNIVERSITARIO EN TECNOLOGÍA ENERGÉTICA PARA EL DESARROLLO SOSTENIBLE - MASTER'S DEGREE IN ENERGY TECHNOLOGIES FOR SUSTAINABLE DEVELOPMENT							
Code	Course Name	ECTS	Semester	TE ⁽¹⁾	EF ⁽²⁾	Lecturer	Remarks
34079	Evaluation of the environmental impact of energy systems	4,5	A	<input checked="" type="checkbox"/>		Teresa Barrachina, David Alfonso	
34081	Measuring and monitoring of energy installations	6	A	<input checked="" type="checkbox"/>		Rubén Puche, Javier Martínez, Emilio Navarro	
34080	Practice on Energy Auditing	6	A	<input checked="" type="checkbox"/>		Guillermo Escrivá, Manuel Alcázar Teresa Magraner	
34082	Techno-economical assessment of energy systems	4,5	A	<input checked="" type="checkbox"/>		Jorge Payá	
34083	Applied Energy Technology - Project course	6	A	<input checked="" type="checkbox"/>		Montagud Montalvá, Carla Isabe Vargas Salgado, Carlos Afranio	
34084	Introduction to Research in the Energy field	6	A	<input checked="" type="checkbox"/>		Corberán Salvador, José Miguel	
34088	Advanced solar thermal energy technologies	4,5	B	<input checked="" type="checkbox"/>		Payá Herrero, Jorge	
34097	Building HVAC Systems	4,5	B	<input checked="" type="checkbox"/>		González Maciá, José, Navarro Peris, Emilio	
34547	Sustainable development and energy	4,5	B	<input checked="" type="checkbox"/>		Gómez Navarro, Tomás	
34096	Industrial and commercial refrigeration	4,5	B		<input checked="" type="checkbox"/>	Navarro Peris, Emilio, González Maciá, José	

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MÁSTER UNIVERSITARIO EN INGENIERÍA BIOMÉDICA - MASTER'S DEGREE IN BIOMEDICAL ENGINEERING							
Code	Course Name	ECTS	Semester	TE ⁽¹⁾	EF ⁽²⁾	Lecturer	Remarks
34367	Innovation and research in medical technology	4	A	<input checked="" type="checkbox"/>		Barberá Tomás, José David	
34378	Advanced tissue engineering and regenerative therapy	4,5	A	<input checked="" type="checkbox"/>		Monleón Pradas, Manuel Vilariño Feltre, Guillermo Campillo Fernández, Alberto José	
34381	Analysis of Genomic Data	4,5	A	<input checked="" type="checkbox"/>		Pastor López, Oscar Sempere Luna, José María	
34382	Data quality and interoperability	4,5	A	<input checked="" type="checkbox"/>		García Gómez, Juan Miguel, Sáez Silvestre, Carlos	
34374	Modeling And Simulation Of Bioelectric Systems	4,5	B	<input checked="" type="checkbox"/>		Trénor Gomis, Beatriz Ferrero De Loma-Osorio, José María, Saiz Rodríguez, Francisco Javier	
34375	Nanodiagnostics and nanotherapy	4,5	B	<input checked="" type="checkbox"/>		Martí Sendra, Javier, Martínez Mañez, Ramón	

MÁSTER UNIVERSITARIO EN INGENIERÍA QUÍMICA- MASTER'S DEGREE IN CHEMICAL ENGINEERING							
Code	Course Name	ECTS	Semester	TE ⁽¹⁾	EF ⁽²⁾	Lecturer	Remarks
34761	Membrane processes for wastewater treatment	4,5	A	<input checked="" type="checkbox"/>		Álvarez Blanco, Silvia	
34762	Scaffolding materials for tissue engineering	4,5	A	<input checked="" type="checkbox"/>		Gallego Ferrer, Gloria	
33504	Entrepreneurship and Innovation and Technology Management	4,5	B	<input checked="" type="checkbox"/>		Tomás Dolado, Eduardo Barberá Tomás, José David	
34255	Recruitment skills	4,5	B	<input checked="" type="checkbox"/>		Reig Fabado, Antonio	
34256	Systematic innovative thinking for engineers and researchers	4,5	B	<input checked="" type="checkbox"/>		Vicente Gomila, José Miguel	
34764	Social Responsibility In Engineering	4,5	B	<input checked="" type="checkbox"/>		Jiménez Saez, Fernando	

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