

Courses taught in English means the lectures will be in English but laboratory sessions (practical sessions) are not 100% guaranteed to be in English, but questions can be asked in English.

Year column: Some master degrees in Spain are 2 years long (2241, 2235), the year refers to the academic year within the master degree.

Semester column: A refers to fall semester, and B refers to spring semester

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

Degrees with courses taught in English:

- 2241: Master Degree in Industrial Engineering
- 2235: Master Degree in Chemical Engineering
- 2259: Master Degree in Energy Technologies for Sustainable Development
- 2269: Master Degree in Biomedical Engineering

DEGREE	COURSE CODE	COURSE NAME	E C T S	Y E A R	S E M E S T E R	REMARKS
2241	33804	Dirección de Operaciones <i>Operations Management</i>	4,5	1	A	
2241	33805	Dirección de Empresas <i>Management</i>	6	1	A	
2241	33813	Instrumentación y Control Industrial <i>Advanced Electronics and control systems</i>	4,5	1	A	The course is divided in two blocks, and both MUST be passed in order to complete the course.
2241	33811	Generación, Transporte y Distribución de Energía Eléctrica <i>Installations: Generation, Transport and Distribution of Electricity</i>	4,5	1	B	Previous knowledge needed on: Circuit theory. Sinusoidal steady state and three phase circuits. Electrical machines. Transformers and motors.
2241	33803	Dirección de Proyectos <i>Project Management</i>	4,5	1	B	
2241	33814	Ampliación de Energía y Máquinas térmicas <i>Advanced course in thermal energy and machines</i>	4,5	1	B	
2241	34555	Recruitment skills_QA	4,5	2	A	
2241	35126	Logistics and Supply Chain Processes_QA	4,5	2	A	
2241	33780	Visión artificial <i>Artificial Vision</i>	4,5	2	B	
2241	34554	Logistics and Supply Chain Processes_QB	4,5	2	B	
2241	34553	Energy and sustainable development	4,5	2	B	
2241	33769	Responsabilidad social de la ingeniería <i>Social Responsibility of Engineering</i>	4,5	2	B	
2241	33781	Robótica móvil <i>Mobile Robotics</i>	4,5	2	B	
2241	33775	Control de calidad en procesos industriales <i>Industrial Quality control</i>	4,5	2	B	
2241	33800	Emprendimiento y gestión de la innovación y la tecnología <i>Entrepreneurship and innovation management and technology</i>	4,5	2	B	
2241	34251	Recruitment skills_QB	4,5	2	B	
2241	34253	Systematic innovative thinking for engineers and researchers	4,5	2	B	
2241	34254	Organizational behavior	4,5	2	B	
2241	33790	Energy Markets	4,5	2	B	
2241	33712	Energy Simulation of Buildings (Production of Energy)	4,5	2	B	
2241	33767	Energy Simulation of Buildings (Use of Energy)	4,5	2	B	
2241	33798	Energy Simulation of Buildings (Optional)	4,5	2	B	
2235	33504	Emprendimiento y gestión de la innovación y la tecnología <i>Entrepreneurship and innovation management and technology</i>	4,5	2	B	
2235	34255	Recruitment skills	4,5	2	B	
2235	34256	Systematic innovative thinking for engineers and researchers	4,5	2	B	
2235	34761	Membrane processes for wastewater treatment	4,5	2	A	
2235	34762	Scaffolding materials for tissue engineering	4,5	2	A	
2235	34764	Responsabilidad social de la ingeniería <i>Social Responsibility of Engineering</i>	4,5	2	B	
2259	34079	Evaluación de impacto ambiental de sistemas energéticos <i>Evaluation of the environmental impact of energy systems</i>	4,5	1	A	Restricted

DEGREE	COURSE CODE	COURSE NAME	E C T S	Y E A R	S E M E S T E R	REMARKS
2259	34081	Instrumentación y monitorización de instalaciones energéticas <i>Measuring and monitoring of energy installations</i>	6	1	A	Restricted
2259	34080	Pràctiques de Auditoria Energètica <i>Practice on Energy Auditing</i>	6	1	A	Restricted
2259	34082	Evaluación técnico-económica de sistemas energéticos <i>Technical and economical evaluation of energy systems</i>	4,5	1	A	Restricted
2259	34083	Diseño-proyecto de sistemas energéticos <i>Applied Energy Technology - Project course</i>	6	1	A	Restricted
2259	34084	Iniciación a la investigación en el campo de la Energía <i>Introduction to Research in the Energy field</i>	6	1	A	Restricted
2259	34088	Tecnologías avanzadas de energía solar térmica <i>Advanced solar thermal energy technologies</i>	4,5	1	B	Restricted
2259	34547	Sustainable Development and Energy	4,5	1	B	Restricted
2259	34094	Operation Of Smart Electric Power Systems	4,5	1	B	Restricted
2259	34096	Industrial And Commercial Refrigeration	4,5	1	B	Restricted
2328	35719	Deep Learning in medical imaging	4,5	1	A	
2328	35722	Data quality and trustworthy artificial intelligence	4,5	1	A	
2328	35725	Artificial intelligence in omic data for precision medicine	4,5	1	A	
2328	35726	Advanced tissue engineering and regenerative medicine	4,5	1	A	
2328	35727	Computational modeling and simulation of bioelectric systems	4,5	1	A	
2328	35730	Personalized health	4,5	1	A	
2328	35732	Biomedical optics and ultrasound	4,5	1	A	
2328	35735	Computational tissue biomechanics	4,5	1	A	
2328	35736	Nanodiagnostics and nanotherapy	4,5	1	A	
2328	35745	Quality Management And Medical Devices Certification	4,5	1	B	
2328	35746	Clinical Research And Evaluation Of Medical Products	4,5	1	B	
2328	35747	Medical Technology Research And Development	4,5	1	B	
2328	35748	Inteligencia artificial aplicada a la salud	4,5	1	B	