

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 | The exam will not be available in english. |
| 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 | There is documentation written in poliformat that is not translated into English . The exams are corrected by all teachers, so it is strongly recommended for students to have an adequate level of Spanish.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 | |

| 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 | |
| 2259 | 34080 | Pràctiques de Auditoria Energètica <i>Practice on Energy Auditing</i> | 6 | 1 | A | |
| 2259 | 34082 | Evaluación técnico-económica de sistemas energéticos <i>Technical and economical evaluation of energy systems</i> | 4,5 | 1 | A | |
| 2259 | 34083 | Diseño-proyecto de sistemas energéticos <i>Applied Energy Technology - Project course</i> | 6 | 1 | A | |
| 2259 | 34084 | Iniciación a la investigación en el campo de la Energía <i>Introduction to Research in the Energy field</i> | 6 | 1 | A | |
| 2259 | 34088 | Tecnologías avanzadas de energía solar térmica <i>Advanced solar thermal energy technologies</i> | 4,5 | 1 | B | |
| 2259 | 34547 | Sustainable Development and Energy | 4,5 | 1 | B | |
| 2269 | 34367 | Innovación e investigación en tecnología médica <i>Innovation and research in medical technology</i> | 4 | 1 | A | |
| 2269 | 34378 | Advanced tissue engineering and regenerative therapy | 4,5 | 1 | A | |
| 2269 | 34381 | Analysis of Genomic Data | 4,5 | 1 | A | |
| 2269 | 34382 | Data quality and interoperability | 4,5 | 1 | A | |
| 2269 | 34368 | Investigación preclínica y clínica. Diseño de experimentos <i>Preclinical And Clinical Research. Design Of Experiments</i> | 4 | 1 | A | |
| 2269 | 34369 | Análítica predictiva en salud <i>Predictive analytics in healthcare</i> | 4 | 1 | A | |
| 2269 | 34370 | Mecanismos de control y regulación de las funciones corporales <i>Mechanisms Of Control And Regulation Of The Body Functions</i> | 1,5 | 1 | A | |
| 2269 | 34374 | Modeling and simulation of bioelectric systems | 4,5 | 1 | B | |
| 2269 | 34375 | Nanodiagnostics and nanotherapy | 4,5 | 1 | B | |