



Teruel Engineering Faculty – EUPT (eupt.unizar.es)
University of Zaragoza

Bachelor's Degree in Electrical and Electronic Engineering.
Automation Engineering

Bachelor's Degree in Computer Science.
Computing Engineering

English-friendly and fully English subjects/courses to be
offered in the 2024-2025 academic year

What does English-friendly means? Teaching materials are provided in English. Tutorial sessions/office hours and assessment activities (tasks, lab reports, exams, etc.) are also in English. Lectures are conducted in Spanish.

What does fully English means? Teaching materials, tutorial sessions/office hours, assessment activities and lectures are conducted in English.

The academic year is organized into two semesters:

- **1st** semester: from September 2024 to January 2025.
- **2nd** semester: from January 2025 to June 2025.



Bachelor's Degree in Electrical and Electronic Engineering. Automation Engineering

(Spanish title: Grado en Ingeniería Electrónica y Automática)

240 ECTS, 4 Years, 2 semesters per year

List of English-friendly and fully English subjects/modules

2024-2025 academic year

Semester	Year	Subject/Module	Link
1	1	Mathematics I <i>29800 Matemáticas I</i> (6 ECTS) English-friendly	https://rb.gy/3z89ku
1	1	Fundamentals of computer studies <i>29804 Fundamentos de informática</i> (6 ECTS) English-friendly	https://rb.gy/b281ui
2	1	Mathematics III <i>29805 Matemáticas III</i> (6 ECTS) English-friendly	https://shorturl.at/jlnV7
2	1	Fundamentals of electrotechnics <i>29809 Fundamentos de electrotecnia</i> (6 ECTS) English-friendly	https://shorturl.at/eluyN
1	2	Basic principles of electronics <i>29812 Fundamentos de electrónica</i> (6 ECTS) English-friendly	https://shorturl.at/ekqX7
1	2	Electrotechnics <i>29813 Electrotecnia</i> (6 ECTS) English-friendly	https://rb.gy/7o0tnd
2	2	Statistics <i>29815 Estadística</i> (6 ECTS) English-friendly	https://rb.gy/qlhzry
2	2	Automatic control systems <i>29817 Sistemas automáticos</i> (6 ECTS) English-friendly	https://rb.gy/mt93v0
2	2	Analogue electronics <i>29818 Electrónica analógica</i> (6 ECTS) English-friendly	https://shorturl.at/drRX6
1 and 2	3	Programmable electronic systems <i>29824 Sistemas electrónicos programables</i> (10 ECTS) English-friendly	https://shorturl.at/uwzDY
1	3	Fluid mechanics <i>29820 Mecánica de fluidos</i> (6 ECTS) English-friendly	https://shorturl.at/oDNR4



1	3	Power electronics 29822 <i>Electrónica de potencia</i> (6 ECTS) English-friendly	https://shorturl.at/ghko0
1	3	Control engineering 29823 <i>Ingeniería de control</i> (6 ECTS) English-friendly	https://shorturl.at/quX45
2	3	Industrial robotics 29827 <i>Robótica industrial</i> (6 ECTS) English-friendly	https://shorturl.at/hzUY1
2	3	Industrial automation 29828 <i>Automatización industrial</i> (6 ECTS) English-friendly	https://shorturl.at/ijyK5
1	4	Environmental engineering 29831 <i>Ingeniería del medio ambiente</i> (6 ECTS) English-friendly	https://shorturl.at/fwORY
1	4	Digital signal processing 29834 <i>Procesado digital de señal</i> (6 ECTS) English-friendly	https://shorturl.at/gmxSZ
1	4	Electrical installations 29835 <i>Instalaciones eléctricas</i> (6 ECTS) English-friendly	https://rb.gy/eiqbwb
1	4	Simulation of dynamic systems 29842 <i>Simulación de sistemas dinámicos</i> (6 ECTS) English-friendly	https://rb.gy/af8yi5
1	4	Computer vision 29847 <i>Visión por computador</i> (6 ECTS) English-friendly	https://rb.gy/yxysfo
2	4	Electronic design 29846 <i>Diseño electrónico</i> (6 ECTS) English-friendly	https://rb.gy/60cqu9
2	4	Technical English 29849 <i>Inglés técnico</i> (6 ECTS) Fully English	https://rb.gy/lkhmaj
1 or 2 (to be selected by the student)	4	Undergraduate dissertation 29833 <i>Trabajo Fin de Grado</i> (12 ECTS) English-friendly	https://shorturl.at/dvEO1

The rest of the subjects/modules of the *Bachelor's Degree in Electrical and Electronic Engineering. Automation Engineering* that do not appear in the table above will be offered in fully Spanish.

- [List of all Bachelor's Degree modules that can be selected by Erasmus students](#) (including English-friendly, fully English, and fully Spanish).



Bachelor's Degree in Computer Science.

Computing Engineering

(Spanish title: Grado en Ingeniería Informática)

240 ECTS, 4 Years, 2 semesters per year

List of English-friendly and fully English subjects/modules

2024-2025 academic year

Semester	Year	Subject/Module	Link
1	1	Mathematics I 30202 Matemáticas I (6 ECTS) English-friendly	https://shorturl.at/cef1r
2	1	Physics and electronics 30206 Física y electrónica (6 ECTS) English-friendly	https://shorturl.at/xEFK5
2	1	Statistics 30207 Estadística (6 ECTS) English-friendly	https://shorturl.at/dnvX2
1	2	Computer networks 30211 Redes de computadores (6 ECTS) English-friendly	https://shorturl.at/qtzD1
2	2	Computer architecture and organisation 2 30215 Arquitectura y organización de computadores 2 (6 ECTS) English-friendly	https://shorturl.at/dikwO
2	2	Systems Administration 30216 Administración de sistemas (6 ECTS) English-friendly	https://shorturl.at/dopFT
2	2	Person-Computer Interaction 30217 Interacción persona-ordenador (6 ECTS) English-friendly	https://shorturl.at/jqQS7
1	3	Hardware project 30220 Proyecto hardware (6 ECTS) English-friendly	https://shorturl.at/dgpA6
2	3	Databases II 30250 Bases de datos 2 (6 ECTS) English-friendly	https://shorturl.at/fhyZ2
2	3	Systems Administration 2 30257 Administración de sistemas 2 (6 ECTS) English-friendly	https://shorturl.at/esuvG
1	4	Legacy System 30254 Sistemas legados (6 ECTS) English-friendly	https://shorturl.at/MNWZ3



1	4	Decision-Making Assistance Systems <i>30255 Sistema de ayuda a la toma de decisiones</i> (6 ECTS) English-friendly	https://shorturl.at/txHJK
2	4	User-Centred Design; Design for Multimedia <i>30258 Diseño centrado en el Usuario – Diseño multimedia</i> (6 ECTS) English-friendly	https://shorturl.at/bgnuV
2	4	Technical English <i>30268 Inglés técnico</i> (6 ECTS) Fully English	https://shorturl.at/dmpx8
1 or 2 (to be selected by the student)	4	Undergraduate dissertation <i>30271 Trabajo Fin de Grado</i> (12 ECTS) English-friendly	https://shorturl.at/biM27

The rest of the subjects/modules of the *Bachelor's Degree in Computer Science. Computing Engineering* that do not appear in the table above will be offered in fully Spanish.

- [List of all Bachelor's Degree modules that can be selected by Erasmus students](#) (including English-friendly, fully English, and fully Spanish).

All information for incoming international students at the Teruel Engineering Faculty – EUPT can be accessed here:

<https://eupt.unizar.es/international-students-teruel-engineering-faculty-eupt>