

UNDERGRADUATE COURSES TAUGHT IN ENGLISH

PROGRAM NAME	COURSE CODE	COURSE NAME	PERIOD (*)	ECT S	TYPE	ENGLISH/ ENGLISH FRIENDLY
DEGREE IN COMPUTER ENGINEERING	590008	REAL-TIME SYSTEMS	C2	6	B	ENGLISH FRIENDLY
DEGREE IN COMPUTER ENGINEERING	590010	EMBEDDED SYSTEMS	C2	6	B	ENGLISH FRIENDLY
DEGREE IN COMPUTER ENGINEERING	591004	NETWORK MANAGEMENT AND SECURITY	C1	6	B	ENGLISH FRIENDLY
DEGREE IN COMPUTER SCIENCE	780003	PROGRAMMING BASICS	C1	6	B	ENGLISH FRIENDLY
DEGREE IN COMPUTER SCIENCE	781002	UBIQUITOUS COMPUTING	C1	6	O	ENGLISH FRIENDLY
DEGREE IN COMPUTER SCIENCE	781003	AUTOMATIC PLANNING	C2	6	O	ENGLISH FRIENDLY
DEGREE IN COMPUTER SCIENCE	781006	DATA SCIENCE FUNDAMENTALS	C1	6	O	ENGLISH FRIENDLY
DEGREE IN COMPUTER SCIENCE	780030	BIO-ENGINEERING	C2	6	O	ENGLISH FRIENDLY
DEGREE IN COMPUTER SCIENCE	780034	SOFT-COMPUTING APPLICATIONS IN POWER, VOICE AND IMAGE	C1	6	O	ENGLISH FRIENDLY
DEGREE IN COMPUTER SCIENCE	780036	SECURITY	C2	6	O	ENGLISH FRIENDLY
DEGREE IN COMPUTER SCIENCE	780042	SOFTWARE STANDARDS	C1	6	O	ENGLISH FRIENDLY
DEGREE IN COMPUTER SCIENCE	780043	SOFTWARE QUALITY, TESTING AND MAINTENANCE	C2	6	O	ENGLISH FRIENDLY
DEGREE IN ELECTRONIC COMMUNICATIONS ENGINEERING	370000	POWER ELECTRONICS	C1	6	B	ENGLISH FRIENDLY
DEGREE IN ELECTRONIC COMMUNICATIONS ENGINEERING	370002	ELECTRONIC CONTROL	C2	6	B	ENGLISH FRIENDLY
DEGREE IN ELECTRONIC COMMUNICATIONS ENGINEERING	370007	PHOTONICS TECHNOLOGIES	TF	6	O	ENGLISH FRIENDLY
DEGREE IN ELECTRONIC COMMUNICATIONS ENGINEERING	370014	ELECTRONICS FOR RENEWABLE ENERGIES	C1	6	O	ENGLISH FRIENDLY
DEGREE IN ELECTRONIC COMMUNICATIONS ENGINEERING	380005	NETWORK, SYSTEMS AND SERVICES LABORATORY	C2	6	B	ENGLISH FRIENDLY
DEGREE IN INDUSTRIAL ELECTRONICS AND AUTOMATION ENGINEERING	600011	INDUSTRIAL COMPUTING	C2	6	B	ENGLISH FRIENDLY

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DEGREE IN INDUSTRIAL ELECTRONICS AND AUTOMATION ENGINEERING	600019	RESISTANCE OF MATERIALS	C2	6	B	ENGLISH FRIENDLY
DEGREE IN INDUSTRIAL ELECTRONICS AND AUTOMATION ENGINEERING	600023	ROBOTIC SYSTEMS	C1	6	B	ENGLISH FRIENDLY
DEGREE IN INDUSTRIAL ELECTRONICS AND AUTOMATION ENGINEERING	600034	ARTIFICIAL VISION	C2	6	O	ENGLISH FRIENDLY
DEGREE IN INDUSTRIAL ELECTRONICS AND AUTOMATION ENGINEERING	600036	POWER STATIONS	C1	6	O	ENGLISH FRIENDLY
DEGREE IN INDUSTRIAL ELECTRONICS AND AUTOMATION ENGINEERING	600037	CONTROL OF POWER ELECTRONIC CONVERTERS	C2	6	O	ENGLISH FRIENDLY
DEGREE IN INDUSTRIAL ELECTRONICS AND AUTOMATION ENGINEERING	600038	INTELLIGENT MANAGEMENT	C2	6	O	ENGLISH FRIENDLY
DEGREE IN INDUSTRIAL ELECTRONICS AND AUTOMATION ENGINEERING	600032	ADVANCED DIGITAL ELECTRONIC SYSTEMS	C1	6	B	ENGLISH FRIENDLY
DEGREE IN INDUSTRIAL TECHNOLOGY ENGINEERING	610008	COMPUTER SCIENCE	C2	6	B	ENGLISH FRIENDLY
DEGREE IN INDUSTRIAL TECHNOLOGY ENGINEERING	610017	FUNDAMENTALS OF ELECTRONICS	C2	6	B	ENGLISH FRIENDLY
DEGREE IN INFORMATION SYSTEMS ENGINEERING	580009	ORGANIZATION OF INFORMATION AND PROJECTS	C2	6	B	ENGLISH FRIENDLY
DEGREE IN TELECOMMUNICATION SYSTEMS ENGINEERING	390001	MOBILE COMMUNICATIONS	C1	6	B	ENGLISH FRIENDLY
DEGREE IN TELECOMMUNICATION SYSTEMS ENGINEERING	390002	RADIATION AND RADIO COMMUNICATION	C2	6	B	ENGLISH FRIENDLY
DEGREE IN TELECOMMUNICATION SYSTEMS ENGINEERING	390003	TELECOMMUNICATION SYSTEMS	C2	6	B	ENGLISH FRIENDLY
DEGREE IN TELECOMMUNICATION SYSTEMS ENGINEERING	390004	OPTICAL COMMUNICATIONS	C2	6	B	ENGLISH FRIENDLY

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DEGREE IN TELECOMMUNICATION SYSTEMS ENGINEERING	390007	VOICE AND AUDIO PROCESSING	C1	6	O	ENGLISH FRIENDLY
DEGREE IN TELECOMMUNICATION SYSTEMS ENGINEERING	390009	WIRELESS TECHNOLOGIES	C1	6	O	ENGLISH FRIENDLY
DEGREE IN TELECOMMUNICATION SYSTEMS ENGINEERING	390010	SATELLITE COMMUNICATIONS	C1	6	O	ENGLISH FRIENDLY
DEGREE IN TELECOMMUNICATION SYSTEMS ENGINEERING	390012	IMAGE PROCESSING AND COMPUTER VISION	C1	6	O	ENGLISH FRIENDLY
DEGREE IN TELECOMMUNICATION TECHNOLOGIES ENGINEERING	350021	ELECTRONIC DESIGN	C1	6	B	ENGLISH FRIENDLY
DEGREE IN TELECOMMUNICATION TECHNOLOGIES ENGINEERING	350024	DIGITAL SIGNAL PROCESSING	C1	6	B	ENGLISH FRIENDLY
DEGREE IN TELECOMMUNICATION TECHNOLOGIES ENGINEERING	350025	DIGITAL COMMUNICATIONS	C2	6	B	ENGLISH FRIENDLY
DEGREE IN TELECOMMUNICATION TECHNOLOGIES ENGINEERING	350026	OPERATIONAL SYSTEMS	C2	6	B	ENGLISH FRIENDLY
DEGREE IN TELECOMMUNICATION TECHNOLOGIES ENGINEERING	350028	HIGH-FREQUENCY TECHNOLOGIES	C2	6	B	ENGLISH FRIENDLY
DEGREE IN TELECOMMUNICATION TECHNOLOGIES ENGINEERING	350033	OPTICAL COMMUNICATIONS	C1	6	O	ENGLISH FRIENDLY
DEGREE IN TELECOMMUNICATION TECHNOLOGIES ENGINEERING	350035	MOBILE COMMUNICATIONS	C2	6	O	ENGLISH FRIENDLY
DEGREE IN TELECOMMUNICATION TECHNOLOGIES ENGINEERING	350036	TELECOMMUNICATION SYSTEMS	C2	6	O	ENGLISH FRIENDLY
DEGREE IN TELECOMMUNICATION TECHNOLOGIES ENGINEERING	350037	RADIATION AND RADIO COMMUNICATION	C1	6	O	ENGLISH FRIENDLY
DEGREE IN TELECOMMUNICATION TECHNOLOGIES ENGINEERING	350039	SECURITY	C1	6	O	ENGLISH FRIENDLY

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DEGREE IN TELECOMMUNICATION TECHNOLOGIES ENGINEERING	350042	NETWORK, SYSTEMS AND SERVICES LABORATORY	C2	6	O	ENGLISH FRIENDLY
DEGREE IN TELECOMMUNICATION TECHNOLOGIES ENGINEERING	350044	POWER ELECTRONICS	C1	6	O	ENGLISH FRIENDLY
DEGREE IN TELECOMMUNICATION TECHNOLOGIES ENGINEERING	350045	ELECTRONIC CONTROL	C2	6	O	ENGLISH FRIENDLY
DEGREE IN TELECOMMUNICATION TECHNOLOGIES ENGINEERING	350046	ELECTRONICS TECHNOLOGY	C2	6	O	ENGLISH FRIENDLY
DEGREE IN TELECOMMUNICATION TECHNOLOGIES ENGINEERING	350055	INTELLIGENT AND SUSTAINABLE SYSTEMS OF NEW GENERATION	C2	6	O	ENGLISH FRIENDLY
DEGREE IN TELECOMMUNICATION TECHNOLOGIES ENGINEERING	350055	INTELLIGENT AND SUSTAINABLE SYSTEMS OF NEW GENERATION	C2	6	O	ENGLISH FRIENDLY
DEGREE IN TELEMATICS ENGINEERING	380002	SECURITY	C2	6	B	ENGLISH FRIENDLY
DEGREE IN TELEMATICS ENGINEERING	380006	OPERATIONAL SYSTEMS	C2	6	B	ENGLISH FRIENDLY
DEGREE IN TELEMATICS ENGINEERING	380010	NETWORK MANAGEMENT AND ADMINISTRATION	C1	6	O	ENGLISH FRIENDLY
DEGREE IN TELEMATICS ENGINEERING	380018	ENGINEERING OF NETWORKS AND SERVICES	C1	6	O	ENGLISH FRIENDLY
DEGREE IN TELEMATICS ENGINEERING	350055	INTELLIGENT AND SUSTAINABLE SYSTEMS OF NEW GENERATION	C2	6	O	ENGLISH FRIENDLY

NOTES:

(*) 1: 1st semester/period (FALL), 2: 2nd semester/period (SPRING)

(**) 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.

The minimum level required to take the undergraduate courses is B1.

UNDERGRADUATE COURSES TAUGHT IN ENGLISH

English level required for all courses: **B1**

More information: <https://www.uah.es/en/estudios/estudios-oficiales/grados/#Technological-Sciences>