Undergraduate Degree in Electronic Industrial Engineering

Electronics engineering is a discipline where non-linear and active electrical components such as electron tubes and semiconductor devices, especially transistors, diodes and integrated circuits, are utilized to design electronic circuits, devices and systems.

Electronics engineering deals with the implementation of applications, principles and algorithms developed within many related fields. For example, solid-state physics, radio engineering, telecommunications, control systems, signal processing, systems engineering, computer engineering, instrumentation engineering, electric power control, robotics, and many others.

While undertaking this degree students gain the scientific and technological training necessary to become versatile and capable engineers, able to create, design and produce electronic components and systems and work in multidisciplinary teams.

Our teaching staff are highly qualified. They are active both in research and the publication of articles via different research groups. Some are even Senior Members of the prestigious Institute of Electrical and Electronics Engineers (IEEE).

This four-year degree is comprised of four learning stages: basic subjects, industrial subjects, specific electronics engineering subjects and elective subjects. These include areas of knowledge such as mathematics, physics, electromagnetism, chemistry, electronics, processors and integrated circuits.

Our graduates are qualified electronics engineers, equipped with the skills and expertise to work in a wide range of contexts, be it in the public or the private sector: public ministries, electronics and maintenance companies, research groups, universities, to mention but a few areas.

Electronics engineering is constantly evolving. Every year new technological advances are made, and applied to computers, smartphones and an endless array of other devices. Our graduates are able to contribute new ideas and research to this field, creating new tools and ideas for future generations to use and improve even further.

ECTS Credits	240

http://www.ugr.es/

Duration	4 academic years (September/October to June each year approximately)
Start Date	Autumn
Language	Spanish
Tuition Fees	€757 (approximately)
Application Period	June – September (approximately)
Offered by	Vice-Rector's Office for Undergraduate and Postgraduate Teaching
How to apply	Please visit the Applications and Admissions Section

DEGREE WEBSITE