

## ADMISSION REQUIREMENTS

Academic degree (Bachelor's degree) in  
Telecommunication Engineering, Information  
& Communications Engineering, Electronic &  
Electrical Engineering or related subjects.

Proficient knowledge of English language  
(e.g. TOEFL 200 CB, 75 IBT, IELTS 5.5;  
Cambridge FCE).

Basic Spanish language skills (Level A1).  
You may apply before having passed your  
Level A1 certificate.

## TEACHING PROCESS

Teaching comprises lecture modules,  
tutorials, and laboratory work. Throughout  
the first two semesters courses are fully  
supported by computing and laboratory  
work. Assessment is based on a mix of formal  
examinations, course work, various technical  
assignments and oral presentations. The  
assessment of the Master Thesis includes an  
oral examination.

# TELECOMMUNICATION ENGINEERING MASTER



UNIVERSIDAD DE JAÉN  
EPS LINARES

INTERNATIONAL COURSE TAUGHT IN **ENGLISH**.

DURATION: 3 semesters (full-time)

Start: annually – winter semester in September.



## COURSE STRUCTURE & SYLLABUS

The course begins annually in September and lasts for 3 semesters. It consists of a taught stage (worth 60 ECTS credits) and of a project (Final thesis) stage (worth 30 ECTS credits).

- The competences to be acquired by students are integrated in three modules:
- Telecommunication technologies module; 50 ECTS credits.
- Project management module; 10 ECTS credits.
- Master thesis module; 30 ECTS credits.

Telecommunication technologies module. 50 ECTS credits	Credits	Semester
Circuits for Electronic Instrumentation	6	1
Complex Digital Systems Design	6	1
Network and Service Technologies	6	1
Multimedia Advanced Services	6	2
IP Based Networks	6	2
Radiocommunications and Radiodetermination	6	1
Signal Processing for Communications	4	2
Communications Systems and Circuits	6	1
Optical Technologies	4	2

Telecommunication technologies module: During the first semester and part of the second semester, the students extend and deepen their knowledge in fundamental areas of Networking and Electronics as well as in Signal Processing and Communications.

Project management module. 10 ECTS credits	Credits	Semester
Integration Project	4	2
Project Management	6	2

Project management module: These two subjects during the second semester are intended to familiarize students with management techniques commonly used to plan, organize and control projects.

Master Thesis (30 ECTS credits): The third semester is entirely dedicated to a major individual research project which leads to a master thesis. Projects with an industrial involvement and relevance are encouraged. The Thesis may be undertaken in the University's laboratories or in collaboration with industrial partners or other institutions.