

MITUV

What will you learn in the MITUV?

Telecommunication systems and signal processing

- Understanding the basics of cable and wireless communications
- Knowing the standards in today's communication
- Applying knowledge of multimedia information transmission
- Understanding RADAR and position systems (GPS, Galileo, etc.)

Telecommunication networks

- Applying strategies for an efficient management of networks (multicast, QoS, etc.)
- Developing security mechanisms for the Internet
- Planning and dimensioning of networks and services

Electronic systems design

- Designing systems for radio and optical communications
- Developing embedded and reconfigurable systems (FPGA)
- Knowing the basics of analogic microelectronic design

Who is it addressed to?

Students who hold Information and Communication Technology degrees and students with scientific and technical background:

– Without bridging courses: degrees that enable students to become Technical Engineers in Telecommunications (such as Degree in Telematics Engineering, Degree in Telecommunications Electronic Engineering , etc.)

– With bridging courses (max. 30 ECTS): other scientific and technical degrees according to the valuation of the Academic Coordinating Committee.



Metrovalencia. Line 4 (TVV stop)
EMT. Line 63 (Xàtiva – Noves Facultats)
Metrobus. Line 165 (Quart de Poblet – Manises – Paterna – Burjassot)
Valenbisi Mibisi Bike lane (València – Burjassot)

Universitat de València
Escola Tècnica Superior d'Enginyeria
Campus de Burjassot - Paterna

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Web – www.uv.es/mituv



@etseuv

ETSE-UV

Master's Degree in Telecommunications Engineering

Telecommunications are the foundations of a connected society and they have become an indispensable tool for companies and institutions. Access to the most demanded regulated profession.

Accept the challenge.

www.uv.es/mituv



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Academic Programme

COM – Communications | NET – Networks | SYS – Systems

Architecture and Advanced Design of Communications Components **SYS**
Advanced Wireless Communication and Mobility **COM**
Embedded Systems Design **SYS**
Microelectronic Design **SYS**
Networks Planning and Management **NET**
Advanced Signal Processing for Communications **COM**
Radar and Radionavigation **COM**
Mobile Communication Networks **NET**
Networks and Advanced Communication Protocols **NET**
Instrumentation Systems and Advanced Measuring **SYS**
Multimedia Communication and Systems **COM**
Distributed Systems and Services **NET**
Theory of Digital Communication **COM**
Antennas and RF Systems for Communication **COM**
Technical Project Management I and II **NET**
Network Security **NET**
Final Master's Degree Project

Master's Degree in Telecommunications Engineering

One year and a half (90 ECTS)
Access to regulated profession
Bilingual Spanish- English
Face-to-face lessons (evenings)
30 places

Studying the MTE at ETSE-UV

- Qualifying Master's Degree
- Reduced price (€2.18 / ECTS)
- Seminars taught by professionals
- Experienced staff in teaching and research
- Extracurricular internships in companies
- International mobility agreements

Career opportunities

- Design and management of telecommunications infrastructures
- Applications and communication services development
- Management and planning communication networks
- ICT projects management
- Product design and management (hardware and software)
- Research (access to doctoral studies)
- Consulting

Connection with doctoral studies

- Doctoral Programme in Information Technologies, Communications and Computing
- Doctoral Programme in Electronic Engineering
- Artificial Intelligence
- Biomedical signal processing
- Audio, image and video processing algorithms
- Wireless communication systems
- Architecture and cloud services
- Virtual Reality (VR) and Augmented Reality (AR)

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