

DTE

### What will you learn in this degree?

- Telecommunications networks (CCNA certifications)
- Databases
- Cryptography and security
- Programming
- Information treatment and coding
- Web technologies
- Telecommunication projects

And, above all, how to be an engineer.

### Studying Telematics Engineering at ETSE-UV

- Highly practical training
- Small groups
- Leveling courses
- Highly equipped labs
- Work placements
- Subjects taught in English
- International mobility

### Who is it addressed to?

- Baccalaureate students of Science and Technology
- Students from Higher Level Training Cycles in technical specialties
- Students interested in new technologies, computer science and the Internet
- Students with the ability to solve problems and propose solutions



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

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ETSE-UV

[www.uv.es/etse](http://www.uv.es/etse)

## Degree in Telematics Engineering



Network security, the development of smart cities, high-speed communications, mass data processing or artificial intelligence are part of the sectors that will grow the most in the years to come.

Accept the challenge.



[www.uv.es/degree/telematics-engineering](http://www.uv.es/degree/telematics-engineering)

ETSE-UV  
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VNIVERSITAT  
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## Programme

The degree lasts 4 years (240 ECTS).

Engineering and Business	Networks and Systems	Telecommunication	Informatics and Software Development
1° _ Physics I and II _ Mathematics I and II _ Engineering, Society and University _ Business _ Engineering Graphics	_ Fundamentals of Telecommunication Networks	_ Electronic Circuits	_ Informatics I
2° _ Mathematics III _ Mathematical Bases of Communications	_ Computer Network Architecture _ Operating Systems	_ Linear Signals and Systems _ Digital Systems _ Fundamentals of Telecommunication Systems _ Electronic and Photonic Devices	_ Informatics II
3° _ Renewable Energies _ Project Management	_ Computer Security	_ Communication Theory _ Digital Signal Processing _ Data Transmission	_ Software Engineering _ Databases and Information Systems _ Computer Programming _ Web Applications Development
4° <b>Compulsory</b>	<b>Optional</b> Flexible and specialised training in the 4th year through optional subjects		
_ System Administration and Maintenance _ Network Planning	_ Advanced Networks I _ Automation Systems and Robotics	_ Digital Speech and Audio Processing _ Mobile and Wireless Communications	_ Semantic Web Technologies _ Data Mining and Machine Learning

### Degree Final Project

Choose your subject and professor and/or a company.

### International mobility

Ample opportunities of international mobility. Agreements with +100 foreign universities.

### Work placements

Choose your work placement among +60 sector companies. Minimum duration: 260 hours.

ETSE-UV

# Degree in Telematics Engineering



DTE

UNIVERSITAT DE VALÈNCIA

### Current career opportunities

- Telecommunications Technical Engineer
- Telecommunication networks expert
- IT systems administrator
- IT services designer
- Technology expert | auditor
- Ethical hacker
- Programmer analyst
- Technology manager

### Connection with postgraduate studies

- Master's Degree in Telecommunications Engineering
- Master's Degree in Web Technology, Cloud Computing and Mobile Applications
- Master's Degree in Bioinformatics
- Master's Degree in Data Science
- Doctoral Programme in Information Technologies, Communications and Computing

### Otros grados de la ETSE-UV

- Multimedia Engineering
- Chemical Engineering
- Telecommunications Electronic Engineering
- Computer Engineering
- Data Science
- Industrial Electronic Engineering