

## Teleco engineers...

Are multidisciplinary and adaptable engineers, thanks to their training in mathematics, physics, programming, electronics, signal processing, network systems design, and communication services.

This robust education equips them to adapt swiftly to the rapid and continuous technological changes driven by the digital transformation.

## ... work in...

Sectors across the globe are in constant need of professionals with extensive knowledge in ICT to develop current and future telecommunication systems and services.

Teleco engineers are developing cutting-edge technologies such as Artificial Intelligence (AI), Machine Learning, Big Data, Cybersecurity, Autonomous Vehicles (drones and others), Augmented Reality, the Internet of Things (IoT), and many more.

## Studies at the School of Telecommunication Engineering, UVigo

### Bachelor's Degrees

- ✓ Bachelor in Telecommunication Technologies Engineering (BTTE) (in English)
- ✓ Grado en Ingeniería de Tecnologías de Telecomunicación (GETT) (in Spanish)

### Master's Degrees

- ✓ Telecommunication Engineering (MET)
- ✓ Cybersecurity (MUniCS)
- ✓ Computer Vision (imcv)
- ✓ Industrial Mathematics (M2i)
- ✓ Master's Degree in Quantum Information Science and Technologies (MQIST)
- ✓ Master's Degree in Internet of Things (MUIoT)

Escola de Enxeñaría  
de Telecomunicación

Universidade de Vigo



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# School of TELECOMMUNICATION Engineering



Universidade de Vigo

Escola de Enxeñaría  
de Telecomunicación

## Bachelor in Telecommunication Technologies Engineering

- ✓ Duration: 4 years
- ✓ 240 ECTS credits, including 12 ECTS for the Final Year Dissertation, 30 ECTS for elective courses, and 12 ECTS for internships.
- ✓ ~ 50% of coursework is taught in computer and instrumental labs.
- ✓ Four specializations available in the 3rd and 4th year.

### Why Study at the School of Telecommunication Engineering in Vigo?

+30

Over 30 years of training professionals in Telecommunication Engineering.

95%

95% of graduates are employed. Average time for finding your first job is less than 4 months.



In the first 2 years, you learn the principles of Telecommunications and specialize in the next 2 years when you know more about the basis.



You can pursue two specializations simultaneously by taking only 3 additional courses — 2 specializations in your degree.

- ✓ Flexible 4th year first semester for Erasmus mobility and/or internships.
- ✓ Advanced experimental labs: electronic circuitry (analog and digital), acoustic measurements (anechoic chambers), advanced computing servers for Cloud Computing and IoT, radio frequency signal propagation...



Internships with companies in the industry.



We are pioneers in the implementation of:  
**Mentoring Plan (MEET)**, where student mentors can guide you during the course.  
**Orientation Plan (orientaTE)**, providing complementary and cross-disciplinary training.  
**Zero Course**, which will help you at the beginning of your degree.



Highly practical degree.



Thanks to ERASMUS agreements, you can study at other European universities.

## What Specializations Can I Choose?



### Telecommunication Systems

Design, develop, operate, and manage both wireless (5G, Wi-Fi, Bluetooth, satellite communications, GPS) and wired (fiber optics, ADSL) telecommunication systems.



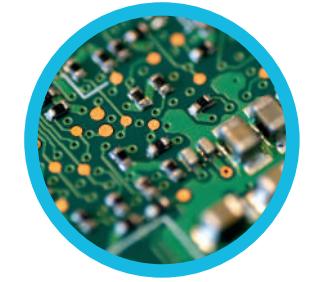
### Telematics

Focus on infrastructures, devices, and protocols for computer networks, Cloud Networking, and the Internet; design, develop, and manage network systems, services, and apps (web technologies, databases, Edge & Cloud Computing, mobile apps, etc.).



### Sound and Image

Create and develop multimedia and audiovisual systems for communication networks; capture, reproduce, and process sound and video signals; delve into acoustics, augmented reality, and virtual reality.



### Electronic Systems

Specialize in electronics for digital communications, sensors, drones, automotive, and biomedicine. Electronics is the cornerstone of many modern technologies.

**Whether you are coming from high school or higher vocational training, our Bachelor's Degree in Telecommunication Technologies Engineering is your gateway to playing a pivotal role in designing and developing the Information Society in a world that is constantly changing and evolving.**