MASTER'S DEGREE IN INTERNET OF THINGS (MUIoT)

What is MUIoT?

MUIoT!, the Master's Degree in Internet of Things, is a collaborative program proposed by the three public universities in Galicia. The Xunta de Galicia and the Galicia University-Business Foundation consider this degree to be strategic because it offers a level of specialization in the field of Internet of Things that is currently unmatched in the University System of Galicia (SUG)..

Why pursue this degree?

In addition to the **growing demand** for IoT technology and experts, there are several key features that make the education provided in this Master's program extremely attractive:

- **Interdisciplinarity**: IoT is a technological discipline that combines knowledge from a wide variety of areas.
- **Innovation and Entrepreneurship**: Studying this Master's provides the opportunity to develop innovative solutions.
- **Innovation and Entrepreneurship**: It offers the chance to work on projects with a significant positive impact on society.

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Professional and Academic Opportunities

- ✓ Developer of IoT-based systems, services, and applications
- ✓ Home automation expert
- ✓ Next-generation technology project manager
- ✓ IoT strategy developer
- ✓ IoT consultant
- ✓ Data analyst specialized in IoT
- ✓ Cybersecurity expert for IoT
- ✓ IoT researcher
- ✓ IoT solutions architect

Interuniversity Master's in IoT

- Duration: 1 year

- Credits: 60 ECTS - 6 ECTS for the Master's Thesis and 3 ECTS for internships in companies

- Joint Degree: University of Vigo, University of A Coruña, and University of Santiago de Compostela

- Mode: In-person

- Seats Available: 30 (10 at each university)

Why Study at the EET in Vigo?

+30

Over 30 years of experience training professionals in Telecommunication Engineering.

Internships in sector companies

A highly practical degree

Educational Objectives

The Master's in IoT provides students with the necessary knowledge to design, configure, integrate, and maintain **systems of digital interconnection** of objects and people that act autonomously and intelligently, generating useful **information** for decision-making.

The program delves into areas such as embedded systems and IoT devices, IoT architectures, wireless communication technologies, network protocols, cybersecurity, cloud computing, big data processing and analysis, programming, and artificial intelligence.

To address the specific problems and solutions of the main application domains where IoT is positioned as the **most important enabling technology**, **three specializations** related to key sectors have been defined:

- Industrial IoT

- Society 5.0

- Connected Vehicle

Three Specializations

The three proposed specializations allow for in-depth knowledge in one of the three fundamental areas for modern society, training experts in:

Society 5.0: Experts in smart cities, smart buildings, and IoT for health

Industrial IoT (IIoT): IoT experts for Industry 4.0/5.0, experts in digital twins for industrial plants, and experts in Green IoT or smart energy

Connected Vehicle: Experts in smart cars, intelligent transportation systems, and unmanned aerial systems

Join MUIoT and get ready to lead the Internet revolution!