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MASTER IN TELECOMMUNICATION
ENGINEERING

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SCHOOL OF TELECOMMUNICATION
ENGINEERING

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UniversidadeVigo

CHOOSE A PROFESSION
WITH A BRIGHT FUTURE

FIRST YEAR

1

SEM 1 (30 ECTS)

- Telecommunication Engineering in the Information Society
- Signal Processing in Communications
- Radio
- Network Technologies
- Application Technologies
- Analogue Electronic Circuits Design

SEM 2 (30 ECTS)

- Management of Telecommunication Projects
- Electronics and Photonics for Communications
- Advanced Digital Electronic Systems

Electronics	Signal Processing for Communications	Radiocommunication	Computer Science
<ul style="list-style-type: none"> - Analogue and Digital Mixed Circuits - Hardware/Software Co-design in Embedded Systems - Design and Manufacturing of Integrated Circuits 	<ul style="list-style-type: none"> - Advanced Digital Communications - Signal Processing in Audiovisual Systems - Multimedia Communications 	<ul style="list-style-type: none"> - Optical Communications - Antennas - Radio Laboratory 	<ul style="list-style-type: none"> - Internet Engineering - Wireless Networks and Ubiquitous Programming - Web Engineering

SECOND YEAR

2

SEM 3 (30 ECTS)

Electronics	Signal Processing for Communications	Radiocommunication	Computer Science
<ul style="list-style-type: none"> - Power Electronics for Photovoltaic Energy Systems - Signal Conditioning Circuits - Implementation and Maintenance of Electronic Equipment 	<ul style="list-style-type: none"> - Real Time Signal Processing - Advanced Communication Systems - Statistic Signal Processing 	<ul style="list-style-type: none"> - Satellites - Broad Band Radio Systems - Mobile and Wireless Communications 	<ul style="list-style-type: none"> - Distributed Communication - Data Analysis - Social and Economical Networks

Optional subjects (15 ECTS) or company training

SEM 4

Master Thesis (30 ECTS)

TURN YOUR PASSION INTO YOUR PROFESSION

TELECOMMUNICATION ENGINEERING

THE MASTER IN TELECOMMUNICATION ENGINEERING PROVIDES PROFESSIONAL COMPETENCES WITH THE LEGAL ATTRIBUTIONS TO DEVELOP THE REGULATED PROFESSION OF TELECOMMUNICATION ENGINEERING

- > It conforms to the ministerial order CIN/355/2009
- > It is taught in the School of Telecommunication Engineering, campus of Vigo
- > It is adapted to the European Higher Education Area
- > It lasts for two years

SPECIALIZATIONS

FOUR SPECIALIZATIONS WITH A PRACTICAL INSIGHT AND MULTIPLE SCOPES

- > Electronics: analogue and digital circuits, devices, power
- > Signal processing for communications: digital communications, signal processing, multimedia
- > Radiocommunication: radio, satellites, wireless communications
- > Computer Science: Internet, data analysis, social networks

The MASTER IN TELECOMMUNICATION ENGINEERING addresses the technologies underpinning the information society and communications

You will be a telecommunication engineer, a prestigious profession among the most sought by companies.

You will have a modern training, with a practical insight and adapted to European requirements, valid for developing the profession of Telecommunication Engineering.

You can access the Master directly with the Degree in Telecommunication Technology Engineering, another degree in the field of Telecommunications, or an equivalent foreign course of the field.

You can validate up to three optional subjects or work experience for your prior work experience related to the master contents.

* IV Informe Carreras con más salidas profesionales. Adecco Profesional. Front page photo: "bäume anderer" by Leo Grüber (<http://leonarts.at/>)