Label	EUR-ACE®
Higher Education Institution	*University Miguel Hernandez de Elche*
Country	*Spain*
State/Province	*Elche/Alicante*
Name of the Programme	*Master´s in Telecommunications Engineering*
Degree Awarded	*Master Degree in Telecommunications Engineering*
Qualification Level	*Second Cycle*
Programme Objectives; Profile	**Objective of the degree**: Today, telecommunications are present in all areas of life and society. Today it would be unthinkable life without telecommunications and advances they offer us. These advances are increasingly present in all business sectors, education, public services and social and domestic sphere. One of the most important features of the systems and telecommunications applications is rapidly evolving and technological changes, so they need professionals with relevant knowledge of the technology and ability to rapidly evolving changes in store for the present and the future in this countryside. The aim of the degree is to train experts in the field of telecommunications. These future professionals will be prepared and trained to respond to the challenges of society with proven skills in analysis, design, optimization and development in the most important areas of telecommunications (radio, signal processing, networks and telecommunications services, networks content distribution, distributed services, advanced analogic and digital electronics, high frequency electronic systems, project management, team management work ...). **Profile**: The access profile for the Master in Telecommunication Engineering are set out in the Ministerial Order CIN/355/2009. The graduate profile of the Master in Telecommunication Engineering is established from the skills and learning outcomes obtained in the course of the Master. Graduates will be able to analyse and solve advanced problems in the field of telecommunications devices perform complex designs, conduct research and innovative contributions in the field of telecommunications being able to work in multidisciplinary teams. Graduates will be able to solve engineering problems telecommunications knowing ethical business implications, environmental and maintaining professional competence through continuous learning. The Master in Telecommunications Engineering enables the profession of Telecommunications Engineering (by order CIN/355/2009 of 9th February).
Programme Duration	*3 Semesters*

Total Number of ECTS Credits Awarded	*90 ECTS*
Brief Description of the Programme	The curriculum of the Master in Telecommunications Engineering provides significant training in specific areas in the field of telecommunications and is aimed at training professionals with a high degree of specification and skills for work environments and multidisciplinary projects. In detail, the curriculum is structured as follows: - Telecommunications Technology: 54 ECTS - Technologic Management in Telecommunications Projects: 10,5 ECTS - Electives: 13.5 ECTS - Final Master's Project: 12 ECTS The subjects included in the curriculum , number of credits per subject and percentage of the total is summarized in the following table:

Subject Matter	Course	ECTS	%
Telecommunication Technologies	Network Architecture for Content Distribution	4,5	5
	Tools for Designing and Modelling Networks and Services	4,5	5
	Next Generation Public Networks	4,5	5
	Distributed Services and Applications	4,5	5
	Integrated Circuits	4,5	5
	Communications and High Frequency Electronics	4,5	5
	Electronic Instrumentation	4,5	5
	Advanced Electronic Systems	4,5	5
	Radio Systems Design and Applications	6	6,7
	Advanced Telecommunication Systems	6	6,7
	Digital Information Processing	6	6,7
Technologic Management in Telecommunication Projects	Project Direction and Management	6	6,7
	Multidisciplinary Application in Telecommunications	4,5	5
Electives	High Performance Computing Systems	4,5	5
	Virtualization of Networks and Services	4,5	5
	Electromedicine	4,5	5
	High Frequency Electronics Laboratory	4,5	5
	Advanced Applications in Signal Processing	4,5	5
	Advanced Technologies in Optical Communications	4,5	5
Final Master's Project	Final Master's Project	12	13,3
TOTAL		**90**	**100%**

Examples of Very Good Practice	*(Where applicable)*
Accredited without / with Adjustment Requirements	*Accredited without Adjustment Requirements*
Adjustment Requirements	*(Where applicable)*
Accredited by	***ANECA-IIE***
Accredited	*(From June 20th 2016 to June 20th 2020)*