

Higher Education Institution (name in original language and in English)	Universitat Obertat de Catalunya (Open University of Catalunya)
Country	Spain
State/Province (where applicable)	Barcelona
Name of the Programme (name in original language and in English)	Tecnologías de Telecomunicación [Telecommunication Engineering]
Degree Awarded	Master
Qualification Level (First Cycle / Second Cycle)	Second cycle
Programme Objectives; Profile (where applicable)	The objective of the <u>Master's programme in Telecommunication Engineering</u> is to provide the competences, knowledge and skills necessary to develop a highly qualified professional activity in the area of telecommunications, and includes objectives and competences as defined by the ministerial order CIN/352/2009 of 9th February, which regulates the professional competences of chartered Telecommunication Engineers in Spain.
Programme Duration (Semesters; in case of "terms" of different length, indicate them and the equivalent in semesters)	3 Semesters (standard best-case full period)
Total Number of ECTS Credits Awarded	72 ECTS
Brief Description of the Programme	<p>A graduate of this Master's programme has the following general skills:</p> <ul style="list-style-type: none"> Competence to plan, estimate and design Telecommunication products, processes and facilities. Competence to install and manage computer systems facilities according to current regulations, and to ensure service quality. Competence to lead, plan and supervise multidisciplinary teams. Capacity for mathematical modelling, calculation and simulation in technology centres and engineering companies, particularly in research, development and innovation tasks in all areas related to the Telecommunication Engineering and related multidisciplinary areas. Competence for telecommunication engineering strategic planning, development, coordination, and technical and economic management following quality and environmental criteria. Competence for overall management, technical management and project management research, development and innovation, in technology centres and companies. Competence to design, develop, manage and evaluate mechanisms of certification and to guarantee the security of goods and persons, the product final quality and its homologation. Competence to apply problems solving skills in new or unfamiliar environments within multidisciplinary and broader contexts. Competence to understand the ethical and professional responsibility of the activity of a Telecommunication Engineer. Competence to understand and apply basic notions of economy and human resource management, about the organization and planning of projects, as well as the legislation, regulation and standardization in telecommunications. Competence to communicate findings and their underlying knowledge and rationale (orally and in writing), to specialized and non-specialized audiences in a clear and unambiguous way.

	Competence for lifelong, self-directed and autonomous learning. Competence to understand and apply the legislation and professional ethics of Telecommunications engineering..
Examples of Very Good Practice (where applicable)	The transition from standard to virtual learning – spearheading this direction, the very dynamic and dedicated team and the open discussion climate - was found to be very positive, as well as the delivery of the curriculum, the imaginative use of technology to enable learning as well as the integration of tutors with curriculum design and delivery.
Accredited without / with Adjustment Requirements	fulfilled
Adjustment Requirements (where applicable)	Recommendations (to be reviewed at re-accreditation) <ol style="list-style-type: none"> 1. Improve process for revising course material 2. Enhance the role of the student representative body 3. Provide degree specific Diploma Supplements (in English)
Accredited by (agency, country)	EQANIE – European Quality Assurance Network in Informatics Education
Accredited (from ... to ...)	From 19 November 2012 to 31 December 2017