

Label	EUR-ACE®
Higher Education Institution	UNIVERSIDAD CARLOS III DE MADRID
Country	SPAIN
State/Province	MADRID
Name of the Programme	BACHELOR'S DEGREE IN AUDIOVISUAL SYSTEM ENGINEERING
Degree Awarded	BACHELOR'S DEGREE IN ENGINEERING
Qualification Level	First Cycle
Programme Objectives; Profile	<p>The aim of the degree is to train experts in the field of Audiovisual Systems Engineering who are trained excellently to solve the challenges of today's society, with proven skills in the development of multimedia services in communication networks, in the processing, recording, playback and signal conditioning of audio and video information, as well as the acoustic design of enclosures. Being able to exercise the powers conferred by the law to the profession of Telecommunications Technical Engineer, with specialization in Sound and Image.</p> <p>The profile of a graduate is set to learning outcomes achieved in this degree, including, first, knowledge and understanding of the general fundamentals of engineering, as well as in particular those from multimedia networks, multimedia communication services, audio and video signal processing, room acoustics control, distributed multimedia systems and interactive multimedia applications in Audiovisual Systems Engineering within the family of telecommunications engineering. Graduates will be able to carry out a process of analysis to solve problems of recording, conditioning and compressing of audio and video signals, acoustic enclosure design, communication networks, services, systems and applications in Audiovisual Systems, and also be responsible for engineering design in Audiovisual Systems, working as a team.</p>
Programme Duration	8 Semester
Total Number of ECTS Credits Awarded	240 ECTS

<p>Brief Description of the Programme</p>	<p>The contents of this degree include, in addition to basic training in mathematics and physics and an updated training in electronics and signal processing and communications (common to all degrees in the field of Telecommunications Engineering), both the study of classical aspects of audio and image (electronic, electroacoustic, etc.), as advanced aspects of formats, processing and transmission of multimedia information, as well as knowledge of acoustics and noise control. The degree also includes subjects in which transversals skills are specifically developed. Specific content in Telecommunications is divided as follows: 37.1% is engaged to Signal Theory and Communications, 22.1% to Telematics, and 11.6% to Electronics.</p>
<p>Examples of Very Good Practice</p>	
<p>Accredited without / with Adjustment Requirements</p>	<p>Accredited</p>
<p>Adjustment Requirements</p>	
<p>Accredited by</p>	<p>ANECA-III</p>
<p>Accredited</p>	<p>From the 14th of July 2016 to the 14th of July 2022</p>