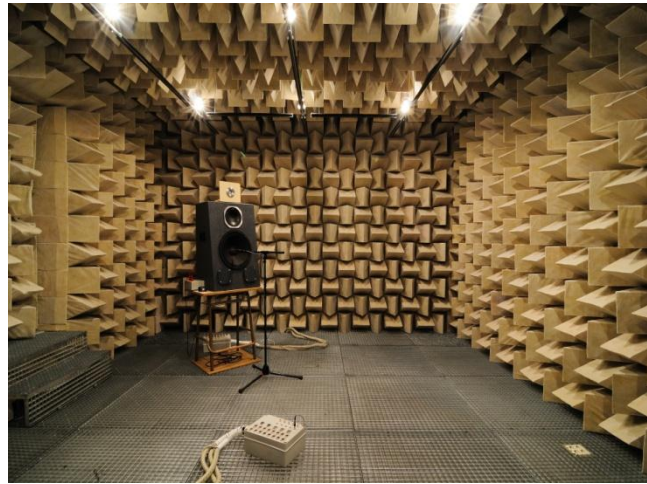


Facilities



Anechoic chamber



**Reverberation chamber
Transmission chamber**

Participants



Audiovisual and
Communication
Engineering



Architectural
Building

South Campus - UPM

Directions:



A3 highway and from the M-40



Urban: E, 63, 145, 54, 58, 103, 142, 143

Long distance: 331, 332A, 337



Line 1. Sierra de Guadalupe.



C1, C2 y C7



EUT Telecomunicación Engineering

Ctra. de Valencia, Km 7
28031 Madrid.

Phone: 91 336 78 42

Fax: 91 331 92 29

info@euitt.upm.es

Ciudad Universitaria Campus - UPM

Directions:



A6 highway from Moncloa



Urban: 46, 83



Line 6. Ciudad Universitaria.



EUT of Architecture

C/ Juan Herrera, 6
28040 Madrid.

Phone: 91 336 7636

secretaria.alumnos.arquitectura

tecnica@upm.es



**TECHNICAL
UNIVERSITY
of MADRID**

POLITÉCNICA

**UNIVERSITY SCHOOL
of TECHNICAL
TELECOMMUNICATIONS
ENGINEERING
SOUTH CAMPUS**



**OFFICIAL MASTER DEGREE
TECHNICAL UNIVERSITY OF MADRID**

**MASTER OF SCIENCE IN
ACOUSTICAL ENGINEERING FOR
BUILDING AND ENVIRONMENT**

In accordance with R.D. 1393/2007
and R.D. 861/2010

**E.U.T. Telecommunications
Engineering
E.U.T. of Architecture**

More information: <http://www.euitt.upm.es>
master_acustica@euitt.upm.es

MSc in Acoustical Engineering for Building and Environment

The E.U.T. Telecommunications Engineering and the E.T.S. of Architecture have been offering the Official MSc in Acoustical Engineering for Building and Environment since the academic year 2009/10. This degree has been designed in accordance with the R.D. 1393/2007 and R.D. 861/2010.

Objectives

The main objective of the Master Degree is to train professionals specialized in the Acoustical Engineering field, focusing essentially on the professional practice of it. The specific objectives that are promoted in this Master are:

- To prepare acoustic isolation and conditioning projects and designs for premises and public address systems.
- To carry out projects and designs to evaluate and control acoustic pollution.
- To prepare noise and vibration control projects and designs.
- Acoustics and noise related business management, administration and consultancy.
- To analyze, specify, design, plan, carry out and maintain acoustical systems and equipment, as well as acoustical treatment tools in recording, processing and transmitting.
- To carry out projects and designs for premises to be used to produce and record audio and video signals, as well as acoustic conditioning and quality control.
- To collaborate on Investigation, Research and Innovation projects in the Acoustics and Noise fields.

MSc in Acoustical Engineering for Building and Environment

Official Master Degree

Second cycle studies which lead to a Master's degree last for two semesters. Students must attend 60 ECTS, including a Master Thesis.

Master Degree's Access Profile

Any Degree graduate (EEES) related to the subjects of this Master can access to the Master Degree.

Since there are no Degree graduates (EEES) at present, 3 year Bachelors and 5 year Bachelors can access to the Master Degree if they apply.

Students Admission

The student admission in the program is conditioned by the accomplishment of the requisites established by the Technical University of Madrid (UPM) general regulations regarding the access to postgraduate studies, as well as particular requisites of the Master program.

Students with a 3 year Bachelor title must attend a minimum of 30 ECTS of complementary courses before beginning this Master Degree. Students with a different university degree must attend the complementary courses needed in their particular case. The complementary courses offer is published in:
<http://www.euitt.upm.es/estudios/postgrado#MIAEMA>

Pre-inscription

On-line pre-inscription
https://www.upm.es/postgrado_preinscripcion

Structure

Master structure (*)

The Master Structure is based on offering a common training divided in four thematic areas. Those areas allow the students to intensify their progress in specific technological areas..

Thematic Areas

- Area 1: **Acoustic Metrology.**
- Area 2: **Architectural Acoustics.**
- Area 3: **Noise and Vibration.**
- Area 4: **Environmental acoustics.**
- Area 5: **Acoustic Conditioning and Sound Reinforcement.**

FIRST SEMESTER (30 ECTS)	ECTS
Acoustic instruments (A1)	4,5
Acoustic measurement techniques (A1)	3
Acoustic materials and constructive systems (A2)	4,5
Noise and vibration control (A3)	6
Environmental acoustics (A4)	6
Acoustic conditioning of premises and sound reinforcement (A5)	6
SECOND SEMESTER (30 ECTS)	ECTS
Acoustic isolation (A2)	6
Mathematical modeling of noise and vibration (A3)	4,5
Noise sources in buildings and environment (A4)	4,5
Master Thesis (A1, A2, A3, A4, A5)	15

(*) Changes pending approval by the Universities Council