



Course guide

290270 - SOCONFI - Sound Makes Space

Last modified: 11/07/2025

Unit in charge: Vallès School of Architecture
Teaching unit: 740 - DUTP - Department of Urbanism, Territory and Landscape.
Degree: DEGREE IN ARCHITECTURE STUDIES (Syllabus 2014). (Optional subject).
Academic year: 2025 **ECTS Credits:** 4.0 **Languages:** English

LECTURER

Coordinating lecturer: LLORCA BOFÍ, JOSEP

Others:

REQUIREMENTS

3D modeling

TEACHING METHODOLOGY

The student will be guided for small design exercises where sound is the dominant argument to create space. At the same time, the course develops a design to improve the acoustics of a design.

LEARNING OBJECTIVES OF THE SUBJECT

This course teaches the fundamentals of acoustic design in architecture to achieve comfortable and accessible rooms for communication purposes, within a holistic design. It introduces the physical principles behind propagation, reflection, and perception of sound in architectural spaces, and how these can be designed. The student will be guided to small design exercises where sound is the dominant argument to create space. In parallel, a design to improve the acoustics of an design is developed in the course.

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Full-or-part-time: 40h

Theory classes: 13h

Laboratory classes: 20h

Guided activities: 7h

GRADING SYSTEM

sistema de qualificació