

Project

Course information

ECTS: 4	Independent from the master in Acoustics	Course code:
Lecture: none	Tutorial classes: none	Practical work: 48 h.

Course coordinator: Manuel Melon

Course Description

Aim

The aim of the project is to apply the knowledge acquired during the first year to a practical problem.

Prerequisite

All the courses given during master 1.

Contents

Students should make a feasibility study proposed by a company or a laboratory using modeling and experimental characterization of electro-acoustic system. The project is organised as follow :

- * Literature review and project management (1 week) leading to a review report.
- * Study of the problem (5 weeks)
- * Presentation of the work

Example of past projects

- * PVC tubes speakers: design, building, measuring and listening tests
- * Variable directivity subwoofer: design building and measuring
- * Portable loudspeaker: design, building, measuring and listening tests

Examination duration

Oral : 20 minutes

Examination type

Written report and oral presentation.