Objectives

The Acoustics curriculum of the Master of Mechanics offers French and international students the scientific knowledge needed to tackle current acoustical problems, in an industrial or academic environment. By means of fundamental and applied research projects, the students have the opportunity to learn about different fields including:

- structural acoustics, wave propagation in solids and non-destructive testing;
- psychoacoustics and audio applications;
- aeroacoustics and wave propagation in inhomogeneous moving media;
- architectural acoustics and virtual acoustics;
- musical acoustics.
Career opportunities

Acoustics is a pluri-disciplinary field at the borders between Mechanics, Signal Processing, Cognitive Sciences and Biology where many opportunities can be found. Typical jobs for the graduates of this curriculum are R&D engineer’s positions in companies or research centers and PhDs in Acoustics. The main fields of application are the transportation industry (ground, air and maritime transportation), energy production and transformation, urbanism and architecture, communication, and imaging in geosciences, structural monitoring and biology.

Application requirements and procedure

Admission to the Masters program at the M2 level is open to students holding at least a 4-year degree (240 ECTS) in Mechanics, Physics or Applied Mathematics from an internationally recognized university.

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Application requirements and procedure

More information on our website:
http://acoustics-saclay.ensta-paristech.fr