

Acoustics I

Course information

ECTS: 6	Common with the master in Acoustics	Course code :
Lecture: none	Tutorial classes: 44h	Practical work: 16

Course coordinator: Guillaume Penelet

Course Description

Aim

Give the basics of acoustics in 3D.

Prerequisite

Course : [Acoustics refresh](#)

Contents

Wave equation and solutions. Modes in waveguide. Sources

Literature

- * A.D. Pierce, "Acoustics, an introduction to its physical principles and applications" chapters 1, 3-5, et 7
- * C. Potel, M. Bruneau, "Acoustique Générale", chapters 1, 3-6 (in French)
- * S. Temkin, "Elements of Acoustics", chapters 1-4

Examination duration

2 hours

Examination type

Written examination