

Equipments Acoustics



ECTS
4 crédits



Hourly volume
48h

Introducing

Description

Objectives

At the end of this module, the student will have understood and be able to explain (main concepts):

- Diffusion of sound waves inside and outside rooms
- Transfer of acoustic waves along ductworks
- Transfer of vibrations generated by building services

The student will be able to:

- Calculate walls absorption to restrict noise dose absorption by workers
 - Reduce noise propagation in ducts
 - Define noise proof walls to protect the surrounding
 - Size vibration pads
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Necessary prerequisites

Indoor building physics

Évaluation

L'évaluation des acquis d'apprentissage est réalisée en continu tout le long du semestre. En fonction des enseignements, elle peut prendre différentes formes : examen écrit, oral, compte-rendu, rapport écrit, évaluation par les pairs...

Practical info

Location(s)

 Toulouse