UE Basic engineering seismology

Level
Baccalaureate +5

ECTS
3 credits

Component
UFR PhITEM (physique, ingénierie, terre, environnement, mécanique)

> **Teaching language(s):** English

> **Open to exchange students:** Yes

> **Code d'export Apogée:** PAX9CEAD

Presentation

Description

This basic seismology course is a physics based course, which covers the breadth of traditional seismology, developed from the seismic wave equation, and the physics of the earthquake source. The course aims to provide an understanding of the dynamics of the solid Earth from theoretical and observational seismology and seismotectonics in relation to earthquake hazard and mitigation.

Course parts

UE Basic engineering seismology - CM	Lectures (CM)	20h

Period : Semester 9

Useful info

Campus

> Grenoble - University campus