

# UE Solid mechanics



Level  
Baccalaureate  
+4



ECTS  
3 credits



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



Semester  
Automne

- > **Teaching language(s):** English
- > **Open to exchange students:** Yes
- > **Code d'export Apogée:** PAX7MEAA

## Presentation

### Description

The course explores fundamentals of kinematics of solid bodies; displacement and strain measures, to statics of solid bodies, stress tensor, equilibrium equations. The course is illustrated through various examples: traction-compression, torsion, bending, pressure vessels, truss.

### Course parts

UE Solid mechanics - CMTD

Lectures (CM)

24h

**Period :** Semester 7

## Useful info

### Place

- > Grenoble



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## Campus

› Grenoble - University campus