

# UE Signal and information processing in fluid mechanics



Level  
Baccalaureate  
+5



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:** PAX9EFAB

## Presentation

### Description

Description of the main tools for data analysis : Correlation, image processing, signal transformation, correlation function, filtering. Programming with Matlab using examples from turbulent flows.

### Course parts

UE Signal and information processing in fluid mechanics -  
CMTD

Lectures (CM) & Teaching Unit (UE)

24h

**Period :** Semester 9

## Useful info



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## Place

› Grenoble

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## Campus

› Grenoble - University campus