


UE Scientific computing

 ECTS
3 credits

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

 Semester
Printemps

- > **Teaching language(s):** English
- > **Open to exchange students:** Yes
- > **Code d'export Apogée:** PAX8SRAJ / PAX9EFAM

Presentation

Description

The objective of this module is to acquire the principles of the basic methods of scientific computing and their implementation in computer codes. The methods are presented in a simplified way, insisting on the ideas behind them, then they are implemented in computer programs (in Python or Matlab) on simple examples related to geosciences.

Course parts

UE Scientific computing - TD	Tutorials (TD)	12h
UE Scientific computing - CM/TD	Lectures (CM) & Teaching Unit (UE)	6h
UE Scientific computing - TP	Practical work (TP)	9h

Useful info



Campus

› Grenoble - University campus