

# UE Discrete and continuous modelling



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: PAX9NFAG

## Presentation

### Description

The aim of this course is to cover numerical methods that are widely used in soft matter. The course will focus in particular on molecular dynamics, and a small numerical project (Python, C or C++) will be required on this theme. Students wishing to take this course are required to have some knowledge of Python, C or C++.

### Course parts

UE Discrete and continuous modelling - TD

Tutorials (TD)

18h

**Period :** Semester 9

## Useful info

### Campus

- > Grenoble - University campus

