

UE Fundamentals of structural biology



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:** PAX9NBAD

Presentation

Description

Introduction to structural biology, Introduction to different electron microscopy (EM) techniques to study cells (TEM/SEM) and sample preparation, X-ray scattering by macromolecules, Macromolecular crystallography, Nuclear Magnetic Resonance principles and key steps for structure determination of biomacromolecules

Course parts

UE Fundamentals of structural biology - CM	Lectures (CM)	11h
UE Fundamentals of structural biology - TD	Tutorials (TD)	11h

Recommended prerequisites

Physics of biological Systems

Period : Semester 9



Skills

Structural and Dynamical Biology

Useful info

Place

> Grenoble

Campus

> Grenoble - Scientific Polygon