

Applied material physics



ECTS
5 crédits



Hourly volume
64h

Introducing

Location(s)

 Toulouse

Objectives

This UF constitutes an experimental approach to the physics of materials. The educational objectives are:

- acquire scientific knowledge relating to the techniques used in material science
- acquire practical skills on these techniques,
- acquire an experimental work method in physics (how to choose the experimental parameters, carry out the experiment, analyze the results)

The student should be able to:

- reproduce and apply techniques for the development and characterization of materials among the techniques mentioned in the program.

Necessary prerequisites

- UF Physics of materials must be completed before the practicals.
- Thermodynamic prerequisite : The following notions must be seen before the practicals: enthalpy, heat capacity and phase diagram.

Practical info
