

Statistical Physics



SCHOOL
Faculty of Science



CAMPUS
Belle-Beille



LEVEL
3rd year Bachelor's degree



OPEN TO EXCHANGE STUDENTS
Yes



SEMESTER
Spring (S2)

> **Degree course:** Physics and Application

> **Teaching unit:** S6-UE1

> **Course language:** English

> **Duration (hours):** 23

> **ECTS:** 3

> **Teacher(s):** M. GIRTAN

> **Assessment:**

Continuous assessment

Final exam

> **Teaching methods:**

Lecture course 13 hours

Tutorial course 10 hours

Practical work hours

Case study

Project

COURSE DESCRIPTION

This course is a study of statistical physics, a fundamental and modern discipline that forms the basis of thermodynamics.

Statistical physics postulates, statistical sets, phase space, and thermodynamic equilibrium are among the concepts studied in a course that goes as far as the concept of entropy or Fermi and Bose gases.