

Quantum Mechanics



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):** 20

> **ECTS:** 2

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

> **Assessment:**

Continuous assessment

Final exam

> **Teaching methods:**

Lecture course 10 hours

Tutorial course 10 hours

Practical work hours

Case study

Project

COURSE DESCRIPTION

This course aims at filling the concepts and approaches involved in the development of quantum mechanics as well as the mathematical tools that are necessary for its development.

Some specific quantum problems are discussed here, as well as the mathematical methods necessary to solve them, the latter systematized essentially with the help of special functions.