

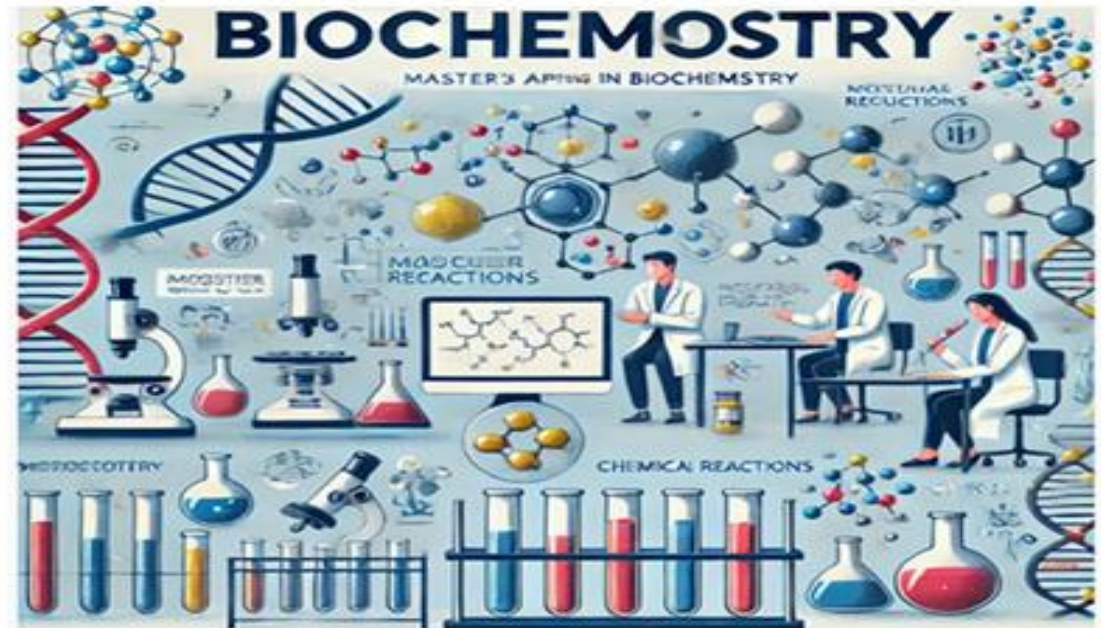


## Description: Master's degree in Biochemistry



### Objectives of the course :

A solid basic course in structural and metabolic biochemistry, biological engineering, enzymology, organic chemistry and molecular biology. This course is aimed at students who wish to approach biology and genetics from a molecular point of view and acquire a good knowledge of the structure of molecules, their reactivity and their biosynthesis in living organisms.



These skills will enable them to enter (research) in the fields of biochemistry, biological engineering, pharmaceuticals, cosmetics, agri-food and industrial culinary arts. The Biochemistry-Biological Engineering pathway can also lead to employment in the industrial and paramedical sectors.



### Profiles and skills:

Students learn to handle the concepts of macromolecule structure, chemical reactivity and catalytic power. They also learn about gene function, energy metabolism and the main biosynthetic pathways of molecules in living organisms. Alongside this theoretical training, students are introduced to molecular biology and organic synthesis techniques. They also practise the main analytical biochemistry techniques on a high-performance biochemical analysis platform.

### Biochemistry Masters graduates are eligible for

- Technical management positions in fundamental research and industrial development,
- Careers as industrial technicians in the fields of production, application and analysis in the biology and biotechnology process industries,
- Certain paramedical professions in the scientific or commercial fields,
- Careers as biochemistry teachers in technological secondary education after obtaining the Diploma.

