

Faculty : BIOLOGICAL ENGINEERING



Acronym: BIOLBIOC

Option: BIOLOGICAL AND BIOCHEMICAL ANALYSIS

Level: BTS

Prerequisites: Scientific series or equivalent level

Opportunities:

Laboratory of medical biology;

- Food company ;
- Pharmaceutical company ;
- Cosmetic company.

Description:

This specialty leads to the training of professionals capable of carrying out biological, physicochemical or biochemical analyzes and of carrying out product control tests. They ensure the commissioning and maintenance of devices and perform operations (separation, purification, marking) using

increasingly sophisticated electronic devices. Their technical and scientific knowledge enables them to take part in the development and optimization of analytical methods.

SOUGHT-AFTER SKILLS

Generic skills

- Work independently, collaborate as a team;
- Analyze, synthesize a professional document (French, English);
- Communicate orally, in writing, in business or outside (French, English)
Participate in / Lead a project management process;
- Know and use the professional and institutional networks of the sectors
- biological and biochemical.

specific skills :

- Carry out medical or veterinary biology analyzes, whatever the level or field (biochemistry, molecular biology, pharmacology, toxicology, genetics, immunology, microbiology, hematology, cytology), but also the control of biological products or the environment ;
- Participate in animal experimentation in-vivo and in-vitro;
- Ensure the analytical validation of the results and the presentation of the data using statistical and IT tools;
- Assist industries in quality control;
- Participate with multidisciplinary teams in health education and public hygiene missions.
- Contribute to the development of protocols, the validation of bioanalytical techniques, the qualification and maintenance of electronic devices;
- Participate in the implementation and monitoring of a quality approach.