

Sector: BIOLOGICAL ENGINEERING



Acronym : BIOLBIOC

Option: BIOLOGICAL AND BIOCHEMICAL ANALYSIS

Level : BTS

Prerequisites: Scientific series or equivalent level

Opportunities:

Laboratory and/or medical analysis technician;

Microbial strain manager;

Assistant or collaborator of the production manager;

Assistant or collaborator of an engineer, researcher or consultant;

Technical sales representative or marketing agent;

Research and Development Associate;

Biological Technician;

Food quality manager;

Production manager.

Description:

This specialty aims to train senior technicians capable of molecular and cellular manipulations (separation, isolation and purification of biological agents). They implement cloning methods and techniques for obtaining, preparing, identifying and purifying biological agents or biomolecules and participate in the exploitation of results and data with a view to industrial production but also research and development in various fields such as agriculture, agri-food and the environment.

REQUIRED SKILLS**Generic skills**

Work independently, collaborate in a team;

Analyze, synthesize a professional document (French, English);

Communicate orally, in writing, in the company or outside (French, English);

Participate in / Lead a project management process;

Know and exploit the professional and institutional networks of the agricultural biotechnology sectors.

Specific skills

Master microbiological techniques (cultures of cells and microbes), biochemical laboratory (analysis, quality control) and assist the laboratory manager;

Conduct an experiment (tests in greenhouses, growing rooms and fields), collect, provide and record scientific data;

Identify, collect, analyze and transfer raw results;

Apply specifications, follow safety recommendations in order to master the technical routes for manufacturing organic inputs;

Check and adjust measuring devices.

