

**Faculty : Biomedical Sciences and  
Techniques**



**Acronym:** LAANME

**Option:** LABORATORY AND MEDICAL ANALYSIS TECHNIQUES

**Level:** BTS

**Prerequisite:** Scientific series or equivalent level

**Opportunities:**

- Public function ;
- Hospitals and private clinics;
- NGOs (Non Governmental Organizations);
- Self-employment;
- Agribusiness ;
- Occupational Medicine ;
- Research and training.

**Description :**

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This training aims to train executives able to detect, through laboratory examinations, the various pathologies that can affect the human body.

### Specific skills:

- Perform biological analyzes on samples of blood, secretions, tissues, urine, stool, etc;
- Perform biology analyzes in anatomo-cytopathology, bacteriology, Biochemistry, Parasitology, hematology, immunology / Serology, virology;
- Check the feasibility conditions of a biological sample and inform the patient about its progress;
- Take a blood sample, monitor the patient's reactions and intervene as necessary;
- Manage the stock of labile blood products in an establishment and supply care units;
- **Carry out training actions with in an organization**

### Quality and skills:

- Receive and control the biological sample and record the date, time of collection, patient contact details, etc. ;
- Prepare analyzers, reagents and biological sample (fractionation, distribution according to type of analysis);
- Process the sample by centrifugation, dilution, heating, and monitor the progress of the analysis and record data;
- Compare the results of the analysis with previous results, minimum and maximum values and establish the report;
- Monitor the stock status of consumables, establish replenishment orders and arrange equipment storage according to their expiration date and storage conditions;
- Check the functioning of the analyzers, update the maintenance register and inform in the event of a malfunction;
- Disinfect, decontaminate, store the workstation and the equipment;  
    Proceed with the evacuation and destruction of waste.

