

# HND Medical Laboratory Sciences

## Course Overview & Study Guide

**Note:** This document is an academic study guide produced by UNEE based on the official HND examination framework. It is not an official government syllabus. For the official syllabus, contact the Ministry of Higher Education, Cameroon.

## About HND Medical Laboratory Sciences

Medical Laboratory Scientists are the invisible backbone of clinical diagnosis in Cameroon. Every blood test, malaria smear, and HIV test depends on skilled laboratory professionals.

The program trains you across the key laboratory disciplines — microbiology, haematology, histopathology, and biochemistry.

Demand for qualified laboratory scientists is growing with Cameroon's health system expanding.

## Course Structure — HND MLS

Credit values are set by the Ministry of Higher Education, Cameroon.

### PROFESSIONAL COURSES

| Code  | Course Title                                | Credits |
|-------|---------------------------------------------|---------|
| MLS11 | Case Study                                  | 14      |
| MLS12 | Histopathology-Human Cytology               | 2       |
| MLS13 | Medical Microbiology and Parasitology       | 3       |
| MLS14 | Haematology and Blood Transfusion Science   | 3       |
| MLS15 | Clinical Biochemistry and Molecular Biology | 2       |

### TRANSVERSAL COURSES

| Code   | Course Title                  | Credits |
|--------|-------------------------------|---------|
| ENG101 | English Language              | 1       |
| FRN101 | French Language               | 1       |
| LCE101 | Law and Citizenship Education | 1       |

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|       |                                          |   |
|-------|------------------------------------------|---|
| ECE21 | Enterprise Creation and Entrepreneurship | 1 |
| CMS23 | Computer Studies                         | 1 |

Total Credits: **29**

## Career Paths — HND Medical Laboratory Sciences

- Medical Laboratory Scientist
- Blood Bank Technician
- Diagnostic Laboratory Manager
- Hospital Laboratory Supervisor
- Clinical Laboratory Technician
- Public Health Laboratory Officer
- Medical Research Assistant

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