

Bachelor of Emergency Medical Technology

Programme Structure

Programme Name: Bachelor of Emergency Medical Technology

Duration: 4 Years (3 Years Academic + 1 Year Compulsory Rotatory Internship)

Year I – Basic & Foundation Sciences

Semester I

- Anatomy
- Physiology
- Biochemistry
- English / Communication Skills
- Basics of Computer Applications
- Environmental Science

Semester II

- Pathology
- Microbiology
- Pharmacology
- Introduction to Emergency Medical Technology
- First Aid & Basic Life Support
- Clinical Orientation / Practicals

Year II – Core Emergency Medical Technology

Semester III

- Patient Assessment & Monitoring
- Medical Emergencies
- Trauma Care
- Ambulance Operations & Pre-Hospital Care
- Clinical Practicals

Semester IV

- Cardiac Emergencies & ECG
- Advanced Trauma Life Support
- Emergency Pharmacology
- Medical Ethics & Professional Practice
- Clinical Practicals

Year III – Advanced Emergency & Critical Care

Semester V

- Advanced Life Support
- Emergency Airway Management
- Disaster Management & Triage
- Research Methodology & Biostatistics

Semester VI

- Critical Care & Emergency Medicine
- Pediatric & Neonatal Emergencies
- Infection Control & Quality Assurance
- Healthcare Management & EMS Administration
- Clinical Practicals

Year IV – Compulsory Rotatory Internship (CRI)

Duration: 12 Months

Rotational Postings:

- Emergency & Casualty Department
- Ambulance Services & Pre-Hospital Care
- Trauma Units
- Intensive Care Units (ICU)
- Disaster Management & EMS Control Rooms