

Diploma in Paramedicine

Module Outlines

Clinical Care and Management of Injury

This module allows students to develop their skills in patient care in pre-hospital settings. They will also be exploring paramedic clinical skills and provided with opportunities to enhance their analytical and critical thinking skills in the care of patients.

Community Health, Wellbeing & Risk Management

This module aims to enhance students' knowledge in psycho-social, politico-economic, cultural, and environmental aspects that influence individual and community health and wellbeing. Learners will be exploring key approaches in health and social care that foster their understanding in promoting wellbeing, prevention and providing care and support. They will also be equipped with knowledge on maintaining occupational wellbeing, risk management and applying clinical reasoning and reflection to promote their paramedic practice in a pre-hospital setting.

Human Systems & Disorders

This module introduces the concepts of health and disorders, where students explore the concepts of anatomy, physiology, and pathophysiology. Students will develop the skills and understanding of the organisation, functions, and structure of the various systems like circulatory, cardiorespiratory, endocrine, nervous, gastrointestinal, urinary, integumentary, and musculoskeletal system. Students will also learn how to critically appraise research papers, understand the fundamentals of research and how research impacts evidence-based practice.

Management of Cardiovascular and Respiratory Related Emergencies

This module aims to develop skills, knowledge, and critical thinking in providing care for patients with Cardiovascular and Respiratory related emergencies. Students will also be able to demonstrate the effective use of resuscitative equipment and strategies for team-based resuscitation.

Management of Geriatric and Special Population Patients

This module aims to develop skills, knowledge, and critical thinking in demonstrating providing care for geriatric and special population patients.

Management of Medical Emergencies

This module aims to develop skills, knowledge, and critical thinking in providing care for patients with other medical-related emergencies. Students will also be able to demonstrate their ability to manage various medical emergencies according to pre-hospital care protocols.

Management of Paediatric, Obstetric and Gynaecological Related Emergencies

This module aims to develop skills, knowledge, and critical thinking in demonstrating providing care for patients with Paediatric, Obstetric and Gynaecological related emergencies.

Pharmacotherapy Practice in Paramedicine

This module aims to develop students' learning, knowledge and understanding in pharmacology, pharmacodynamics, and pharmacokinetics. Students will be introduced to the different classifications of drugs commonly used in patient management in the pre-hospital emergency setting. It also includes understanding the issues relating to professional, legal and ethical principles related to medicine management. Students will need to integrate clinical reasoning and decision making when providing appropriate patient care in accordance with established drug regulations.

Trauma Management & Emergencies

This module aims to develop skills, knowledge, and critical thinking in providing care to patients with traumatic injuries and major incidents. Theoretical and practical application of trauma-specific assessment and intervention for students to gain skills to manage various life-threatening injuries and conditions.

Clinical Placement

This module provides students with the opportunities to display their skills in the various scenarios that they may encounter in their placement in pre-hospital emergency settings. Each student is expected to clock at least 1100 hours upon completion of this module, and they will be applying analytical reasoning to determine differential diagnoses and appropriate treatment plans.