

DIPLOMA IN AIR PARAMEDICAL SCIENCE

MQA/PA16498 (N/0913/4/0026)

PROGRAMME DESCRIPTION

This programme is designed to provide broad coverage of all aspects of pre-hospital care, identifying and performing various roles and responsibilities in the management of emergency situations, first aid, and administering paramedic instruments, which enhances the status of the paramedic profession.

CAREER PROSPECTS

- EMS Instructor/Trainer
- Rescue Paramedic
- Critical Care Transport Paramedic
- Air Ambulance Paramedic
- Flight Paramedic

DURATION OF STUDIES:

3 Years (6 Semesters)

COMPULSORY SUBJECTS FOR MALAYSIAN STUDENTS

- Philosophy & Current Issue
- Appreciation of Ethics & Civilization
- Bahasa Kebangsaan (A)
- Introduction to Comparative Religion
- Entrepreneurship Skills
- Professional Development
- Thinking Skills
- Integrity & Anti-corruption

*Students need to complete four modules from the above.

COMPULSORY SUBJECTS FOR INTERNATIONAL STUDENTS

- Bahasa Melayu Komunikasi
- Professional Development
- Thinking Skills
- Integrity & Anti-corruption

*Students need to complete three modules from the above.

AWARDING BODY



WHAT SKILLS WILL YOU DEVELOP?

- Graduates will be able to apply legal, ethical, and regulatory standards governing air paramedical practice.
- Graduates will be able to apply critical thinking and problem-solving skills to manage patient care effectively in high-stress environments.
- Graduates will be able to understand advanced medical concepts, including trauma care, respiratory emergencies, and other critical conditions encountered in air medical transport.

PROGRAMME STRUCTURE

SEMESTER 1

- Paramedic Anatomy & Physiology
- Fundamentals of Paramedic Practice
- EMS Communication and Documentation
- Computer Application
- Trauma Management 1
- Introduction to Microbiology

SEMESTER 2

- Basic Pharmacology
- Introduction to Psychology
- Patient Assessment
- Academic English
- Trauma Management 2
- Emergency response and planning

SEMESTER 3

- Current Issue in Health

SEMESTER 4

- Basic Emergency Life Support
- Ergonomics
- Introduction to Aeromedical Transportation
- Aeromedical patient care for paramedics
- Occupational Disease and Control
- Principles of Occupational safety and Health

SEMESTER 5

- Internship (Pre-Hospital Care)

SEMESTER 6

- Internship (Aeromedical)