

## **5.3.3.9 MPhil in Emergency Medicine**

*Please note:*

This programme will not be offered in 2023.

## Specific admission requirements

- A qualification on at least NQF level 8.
- Registration with the relevant South African professional body (such as the Health Professions Council of South Africa [HPCSA] or the SA Nursing Council).
- You must be able to converse and write in medical English, and pass a basic computer literacy examination provided by the Division of Emergency Medicine once you have been shortlisted.
- For the Clinical Emergency Care Stream, you must have at least two years' emergency care experience after your internship and you must have successfully completed two of the Advanced Life Support Courses (ACLS, APLS, PALS, ATLS, FEC).

## Application procedure and closing date

Prospective students must contact the Division of Emergency Medicine before applying. Apply online at [www.maties.com](http://www.maties.com) by **30 September** of the previous year. Applications for prospective international students close on **31 August**.

The Clinical Emergency Care, and Patient Safety and Clinical Decision-making streams will be open to medical practitioners, nurses and paramedics. The African Emergency Care stream will be open to medical practitioners only.

## Duration of programme

The programme extends over two years on a part-time basis.

## Programme description

Non-communicable diseases are claiming ever bigger health tolls, especially in sub-Saharan Africa. Emergency Medicine is still a relatively new speciality with very few specialists in South Africa, and even fewer on the rest of the continent. In addition, the Emergency Centre is the entry point of the sickest individuals into the health care system, resulting in the bulk of the care currently being delivered by non-specialised staff. This MPhil programme is aimed at improving the skills of doctors, paramedics and nurses to optimise care in the emergency environment.

The programme is completed by means of coursework and a research assignment/thesis.

There are three main streams:

- Clinical Emergency Care for doctors, nurses and paramedics in emergency care, including a 60-credit assignment;
- African Emergency Care for qualified doctors, including a 90-credit thesis; and
- Patient Safety and Clinical Decision-making for doctors, nurses and paramedics. Two options are available: Option A (with a 60-credit assignment) and Option B (with a 90-credit thesis).

## Programme content

### Main stream A – Clinical Emergency Care

#### First year

##### *Compulsory modules*

Clinical Research Methods I	871(15)
Clinical Emergency Care I	871(15)
Clinical Emergency Care II	871(15)

##### *Elective modules*

Choose two of the following modules.

Disaster Medicine	871(15)
Education and Training in Emergency Care	871(15)
Ambulatory Care and Travel Medicine	871(15)
Management and Leadership	871(15)
Disaster Medical Response Training	871(15)

#### Second year

##### *Compulsory modules*

Clinical Research Methods II	871(15)
Health Care Systems	871(15)

Resuscitation and Critical Care	871(15)
Assignment (Emergency Medicine)	871(60) *

\* The research assignment is completed over the course of the two years.

## Main stream B – African Emergency Care

### First year

#### *Compulsory modules*

Clinical Research Methods I	871(15)
African Emergency Care	871(15)

#### *Elective modules*

Choose two of the following modules.

Disaster Medicine	871(15)
Education and Training in Emergency Care	871(15)
Management and Leadership	871(15)
Disaster Medical Response Training	871(15)

### Second year

#### *Compulsory modules*

Clinical Research Methods II	871(15)
Health Care Systems	871(15)
Thesis (Emergency Medicine)	872(90) *

\* The thesis is completed over the course of the two years.

## Main stream C – Patient Safety and Clinical Decision-making (Option A)

### First year

#### *Compulsory modules*

Clinical Research Methods I	871(15)
Health Care Systems	871(15)
Patient Safety and Flow	871(15)
Critical Thinking in Emergency Care	871(15)

### Second year

#### *Compulsory modules*

Clinical Research Methods II	871(15)
Continuous Quality Improvement	871(15)
Education and Training in Emergency Care	871(15)
Management and Leadership	871(15)
Assignment (Emergency Medicine)	871(60) *

\* The research assignment is completed over the course of the two years.

## Main stream C – Patient Safety and Clinical Decision-making (Option B)

### First year

#### *Compulsory modules*

Clinical Research Methods I	871(15)
Health Care Systems	871(15)
Patient Safety and Flow	871(15)
Critical Thinking in Emergency Care	871(15)

## Second year

### *Compulsory modules*

Clinical Research Methods II	871(15)
Thesis (Emergency Medicine)	872(90) *

\* The thesis is completed over the course of the two years.

### *Elective modules*

Choose one of the following modules.

Education and Training in Emergency Care	871(15)
Continuous Quality Improvement	871(15)
Management and Leadership	871(15)

## Assessment and examination

- Satisfactory completion of a self-reflection portfolio of clinical experience submitted to the Division at specified times, as outlined in portfolio guidelines.
- Depending on the module combinations, you may be required to pass certain first-year modules before being allowed to enrol in second-year modules.
- Assessment is done by means of assignments, skills sessions, tests and examinations, among others.
- Flexible assessment is applicable to all modules.
- You must pass each module with a minimum mark of 50% for both formative and summative assessment.
- You must submit a satisfactory research assignment demonstrating your ability to conduct an independent scientific investigation, to interpret the results and to make deductions from the results.
- The research assignment is assessed according to the guidelines of Stellenbosch University and a minimum of 50% must be achieved to pass.
- The final mark is calculated according to the credit weights of the individual modules.
- You must obtain a final mark of at least 50% to pass the programme.

## Enquiries

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Disclaimer:

The content above comes from the 2023 Medicine and Health Sciences Calendar (Yearbook). Make sure to consult the full [Medicine and Health Sciences Calendar](#) to see this extract in context and to check if there have been any changes. Take special note of additional information in the Calendar under section *Postgraduate Programmes*.