

### 5.3.1.2 MMed Clinical Pharmacology MMed (Clin Pharm)

#### Specific admission requirements

This programme does not have specific requirements. The general admission requirements for MMed programmes as mentioned in section 5.3.1 above are applicable.

#### Duration of programme

The programme extends over four years.

#### Programme description

The programme consists of modules on principles of clinical pharmacology, applied clinical pharmacology, and research methodology. These modules will be presented by means of lectures, tutorials, independent self-study and practical workplace experience, including clinical patient care. Areas that are covered include:

- clinical use of drugs, including pharmacological effects and mechanism of action, pharmacokinetics and drug metabolism, efficacy and side effects of medications;
- advice to health care providers regarding the appropriate and cost-effective use of drugs;
- drug epidemiology;
- legal and ethical issues;
- development of new drugs;
- clinical trials;
- safety of drugs (pharmacovigilance);
- economics of health care; and
- drug regulatory affairs.

#### Programme content

Principles of Clinical Pharmacology	871(90)
Applied Clinical Pharmacology	871(270)
Assignment (MMed (Clin Pharm))	871(120)

#### Assessment and examination

- The Part I and Part II examinations of the FC Clin Pharm(SA) of the Colleges of Medicine of South Africa (CMSA) will constitute your summative assessment. The FC Clin Pharm(SA) Part I examination will assess the Principles of Clinical Pharmacology module and must be completed by the end of your second year of study. The FC Clin Pharm(SA) Part II examination will assess the Applied Clinical Pharmacology module and must be completed by the end of your fourth year of study. If you do not meet these requirements, you must vacate the registrar post and you will be excluded from the rest of the MMed (Clinical Pharmacology) programme. Only in exceptional cases and on submission of an appropriate motivation, will the Postgraduate Programme Committee of the Division consider continuation of your service in a registrar post and further attendance of the programme.
- You must keep and update a portfolio of learning during the course of the study period. It must be approved by the head of the Division for your studies to be regarded as completed.
- You must complete a research assignment which forms part of the final assessment for the MMed programme. The Postgraduate Programme Committee of the Division of Clinical Pharmacology and the relevant Faculty structures must approve the protocol for the research assignment not later than 12 months after you have started with you MMed studies. The research assignment must be completed before taking the FC Clin Pharm(SA) Part II examination of the CMSA.
- Successful completion and assessment of the research assignment is a prerequisite for the degree to be awarded.
- The final MMed mark will be calculated as a weighted average of the marks for each component of the programme content. The weightings will be 25% for the assignment, 25% for the Principles for Clinical Pharmacology module (FC Clin Pharm(SA) Part I examination) and 50% for the Applied Clinical Pharmacology module (FC Clin Pharm(SA) Part II examination).
- You must obtain a final mark of at least 50% for each component of the programme to pass the MMed (Clinical Pharmacology) programme.
- In order to pass the MMed (Clinical Pharmacology) programme *cum laude*, you must obtain a final mark of at least 75% in the final examination.

## **Enquiries**

Programme leader: Prof EH Decloedt

Tel: 021 938 9331 Email: [ericdecloedt@sun.ac.za](mailto:ericdecloedt@sun.ac.za)

Website: [www.sun.ac.za/pharmacology](http://www.sun.ac.za/pharmacology)

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*.