

5.3.2.21 MSc in Pharmacology

Specific admission requirements

- One of the following qualifications at NQF level 8:
 - an MBChB or equivalent degree;
 - a four-year professional bachelor's degree in a health-related discipline;
 - a BScHons degree of this University or another recognised university; or
 - an equivalent qualification as approved by Senate.
- International candidates must provide proof of the equivalence of qualifications obtained from a non-South African Institute. A SAQA (South African Qualifications Authority) certificate must be submitted.

Application procedure and closing date

Apply online at www.maties.com by **30 September** of the previous year. Applications for prospective international students close on **31 August**.

Duration of programme

The programme extends over two years.

Programme content

Two streams are available for participating in the full-time master's programme:

Thesis option

A laboratory research project (100%), which leads to the writing of a thesis.

Thesis: Pharmacology	896(180)
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Structured option

A laboratory research project, including an assignment, as well as coursework identical to that of the BScHons programme in Pharmacology.

Pharmacology of Systems	874(40), 875(40)
Principles of Pharmacology	872(40)
Research Assignment	884(60)

Assessment and examination

Thesis option

- The standard guidelines of this University regarding the assessment of master's theses are applicable.

Structured option

- The standard assessment of coursework, as in the case of BScHons in Pharmacology, is applicable.
- You must pass the examinations in the modules Principles of Pharmacology and Pharmacology of Systems with a minimum mark of 50%.
- The standard guidelines regarding the assessment of master's assignments are applicable to the assignment.

- The completed assignment must be marked by two examiners. You must pass the assignment with at least 50%.
- The final mark for the degree is calculated as the weighted average of the marks for the individual modules and the assignment. You must obtain a final mark of at least 50% for awarding of the degree, and 75% to pass with distinction.

Enquiries

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5.3.2 Master of Science

General admission and selection requirements for MSc programmes

- For admission to the MSc degree programmes, you must have an honours degree in Science of this University, or another honours degree approved for such purposes by Senate, or you must otherwise have attained a standard of competence deemed adequate for such purpose by Senate.
- The initial research proposal is approved by a departmental research committee, as well as by the Health Research Ethics Committee of the Faculty of Medicine and Health Sciences. In instances where research is conducted on animals, the proposal is approved by the Committee for Experimental Animal Research of the Faculty.

Programme description

Thesis MSc programmes entail an independent research project, resulting in a thesis that constitutes 100% of the final mark of the programme. The subject of the research project is selected to support the Faculty's research focus areas.

The following overarching objectives are set for the MSc programmes:

- to equip you with more advanced knowledge and a deeper insight into your chosen subject within the field of study;
- to promote mastery of the chosen topic, with the aid of higher levels of analysis of new information, and to develop the ability to handle complexities and to find solutions to such problems;
- to enable you to do advanced and independent research by means of rigorous training in research methods and to familiarise you with the skills needed for academic communication;
- to prepare you, if you are aspiring to higher levels of academic research work, for doctoral study and to foster an approach marked by academic integrity and ethics;
- to contribute to the pool of academics and professionals through the development of capabilities and critical intellectual skills aimed at ensuring the healthy continuance of the relevant discipline or profession; and
- to prepare you to utilise your skills to help solve the problems and challenges of the country that fall within the scope of your particular field.

Disclaimer:

The content above comes from the 2024 Medicine and Health Sciences Yearbook. Make sure to consult the full **Medicine and Health Sciences Yearbook** to see this extract in context and to check if there have been any changes. Take special note of additional information in the yearbook under section *Postgraduate programmes*.