

### **5.3.2.8 MSc in Epidemiology**

#### **Specific admission requirements**

- You must have 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 or quantitative sciences discipline;
  - a relevant BScHons degree of this University or another recognised university; or

- an equivalent qualification approved by Senate for this purpose, or you must have otherwise attained a standard of competence in your field of study deemed adequate for this purpose by Senate.
- You must also have:
  - passed Mathematics at National Senior Certificate (NSC) level or equivalent;
  - computer literacy, including the use of statistical software for data analysis; and
  - fluency in written and spoken English. If you, as an international candidate, are from a non-English speaking country, you must submit official documentary evidence with your application of your competence in English. This may include, among other things:
    - the results of the IELTS test with a minimum IELTS score of 6,5;
    - the results of the TOEFL test with a minimum TOEFL score of 550 (paper based) or 213 (computer based), preferably with a TWE score of 4,5; and/or
    - proof and results of any English courses attended (e.g. English for Medical Students/Englisch für Mediziner).
- You must also submit a research concept note to the satisfaction of the Programme Committee.

## Application procedure and closing date

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**.

All applications are reviewed by a selection committee. Candidates are selected on merit and only a limited number of candidates are admitted to the programme.

## Duration of programme

The programme extends over a minimum of one year on a full-time basis or two years on a part-time basis.

## Programme description

This is a completely thesis-based master's programme. It builds competency in epidemiology – the study of the distribution and determinants of health-related states or events in specified populations, and the application of the study to the control of health problems.

## Programme content

You must complete preparatory modules at NQF level 9 on epidemiology, biostatistics and research proposal writing prior to the finalisation of your research protocol.

Thesis: Epidemiology	872(180)
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## Assessment and examination

- You must complete a thesis that is assessed according to University guidelines through a process of internal and external examination.
- The thesis counts 100% towards the final mark. You must pass the thesis with at least 50% to obtain the degree.

## Enquiries

Programme leader: Prof P Nyasulu  
 Tel: 021 938 9886 Email: [pnyasulu@sun.ac.za](mailto:pnyasulu@sun.ac.za)

Website: <http://www.sun.ac.za/english/faculty/healthsciences/epidemiology-biostatistics/masters/msc-epidemiology>

## 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*.