5.3.2.10 MSc in Implementation Science

Specific admission requirements

For admission to the MSc (Implementation Science) programme the candidate shall hold:

- an MBChB or equivalent degree; or
- a four-year professional bachelor's degree in a health-related discipline; or
- a BScHons degree of this University or another recognised university; or
- an equivalent qualification approved by Senate.

Fluency in written and spoken English is a further requirement for admission to the programme. Previous experience in HIV and/or TB research is a recommendation. Candidates will be selected on academic merit.

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 is offered full-time over a minimum period of one year and on a part-time basis over a minimum period of two years.

Programme description

Implementation science research is an emerging discipline and especially important in the context of low- and middle-income countries with high disease burdens, such as tuberculosis (TB) and human immunodeficiency virus (HIV). The scope includes any research producing practically usable knowledge (evidence, findings, information, etc.) which can improve programme implementation (e.g. effectiveness, efficiency, quality, access, scale-up, sustainability) regardless of the type of research (design, methodology, approach).

The purpose of the programme is to train the workforce required to conduct high-priority TB and HIV research to reduce the burden of HIV infection among TB patients and the burden of TB among people living with HIV (PLHIV) through a focus on implementation research (IR) training and capacity building. Priority areas of IR for (i) HIV, such as ways of identifying HIV-infected individuals who do not yet know their status, (ii) TB, such as improved case finding and (iii) HIV/TB, such as early initiation of antiretroviral treatment for all HIV-positive TB patients will be main areas of interest. The long-term objective is to develop capacity for in-depth training in the field of HIV/TB implementation research through the development of independent well-skilled researchers to the level of Master's in the areas of TB and HIV, installing in these researchers the ability to apply for national and international competitive grants and train other researchers in the TB and HIV fields.

Programme content

The programme consists of modules with a total of 90 credits and a research project (thesis) of 90 credits. Students must complete all three compulsory modules and the thesis.

Principles of Implementation Research	871(30)
Designing Health Interventions for Implementation Research	872(30)
Evaluating Health Interventions for Implementation Research	873(30)
Thesis	874(90)

Assessment and examination

Modules

Formative and summative assessment of modules (90 credits) is conducted through written examinations and written assignments. A pass mark of 50% is required for each module with a subminimum of 45% on formative as well as summative assessment. If you fail any module you may be denied the right to reregister for the programme. You have to participate successfully and integrate knowledge in projects, reports and assignments.

Research project

The completed research project (thesis) shall be submitted in the prescribed format and shall be assessed by both internal and external examiners.

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***.