

## 5.2.1.9 BScHons in Molecular Biology

### Specific admission requirements

- An average final mark of more than 60% in one of the following qualifications from a recognised tertiary training institution:
  - a bachelor's degree with Biochemistry, Genetics, Microbiology or Biotechnology at third-year level; or
  - an MBChB or BChD degree.
- You may be admitted with an average final mark of less than 60% for the BSc at third-year level based on:
  - an adequate motivation and/or
  - successful completion of additional work, and
  - proof of competence.

### 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**.

### Duration of programme

The programme extends over one year on a full-time basis.

### Programme description

This programme will equip you with both a theoretical and practical background in the basic concepts of molecular biology. The programme consists of lecture attendance, participation in discussion of academic journals, writing a grant proposal, participation in a six-month research project, a research report, a research presentation, and written mid-year and end-of-year examinations.

### Programme content

Molecular Biology Theory	715(45)
Molecular Biology Project	775(75)

### Assessment and examination

- You must pass both modules with a minimum of 50% to earn the applicable credits.
- If you do not pass the theory module with a minimum of 50% after the second opportunity, you will not be permitted to continue with the research project.
- Assessment opportunities include:
  - written examinations and a review article for the theory module; and
  - a research report, research presentation, supervisor's report and written examination for the project module.
- The calculation of the final mark is subject to the provisions in the chapter "Assessments and promotions" in Part 1 (General Rules) of the Yearbook.

### Enquiries

Programme leader: Dr JG Jackson

Tel: 021 938 9409 Email: [mbhgappliations@sun.ac.za](mailto:mbhgappliations@sun.ac.za)

## 5.2.1 Bachelor of Science Honours

*Please note:*

If you are applying for admission to one of the BScHons programmes of the Faculty of Medicine and Health Sciences, you must be aware that there is a possibility that a programme will not be offered if there are not enough qualifying candidates to fill it. In such cases, the University will directly communicate this decision with applicants in November of the year before study.

### Programme description

The purpose of the programme is to equip you with the insight, practical skills and in-depth knowledge with regard to your chosen field of study. On completion of the programme, you must be able to function independently as a researcher and academic in the South African context.

The programme aims:

- to promote healthcare in the South African community;
- to facilitate and innovate health research;
- to facilitate critical and ethical reasoning;
- to promote evaluation management, communication and scientific knowledge;
- to prepare students for further study; and
- to promote lifelong study.

### Admission of diplomates to BScHons studies

If you have a National Higher Diploma in Medical Technology, you may be considered for admission to the Bachelor of Science Honours degree if you:

- have obtained a relevant bachelor's degree or equivalent qualification at a recognised institution for tertiary education;

or

- in exceptional cases, meet the following minimum requirements:
  - you must hold the matriculation certificate or exemption certificate of the Matriculation Board;
  - you must provide proof of above-average academic results during your diploma programme; and
  - prior to admission, you must have been academically associated and/or professionally active for a minimum period of three years, during which you at least completed one research project successfully and published in a recognised journal.

You must have passed a preliminary examination:

- that was conducted according to the clearly defined criteria stipulated by the Faculty Board, in order to ensure an adequate scientific standard;
- that was designed to assess your theoretical background and scientific maturity; and
- that was conducted by the head of the department or division in which the intended postgraduate studies are envisaged, or by their delegate, together with at least one other expert in the relevant field of study who has been nominated by the Dean.

You will be considered on merit by the Committee for Postgraduate Teaching on the basis of a *curriculum vitae* and a written recommendation by the Preliminary Examination Committee.

### Admission of candidates with a BTech to BScHons studies

If you have an appropriate Bachelor of Technology degree or equivalent qualification from a recognised institution for tertiary education, you may be considered for admission to the Bachelor of Science Honours degree, provided that:

- departments/divisions may require supplementary work;
- you must provide proof of above-average academic performance during the degree programme; and
- you have passed a preliminary examination:
  - that was conducted according to clearly defined criteria stipulated by the Faculty Board in

- order to ensure an adequate scientific standard;
- that was designed to assess your theoretical background and scientific maturity; and
- that was conducted by the head of the department or division as convenor in which the intended postgraduate studies are envisaged, or by their delegate, together with at least one other expert in the relevant field of study who has been nominated by the Dean.

You will be considered on merit by the Committee for Postgraduate Teaching on the basis of a *curriculum vitae* and a written recommendation by the Preliminary Examination Committee.

# Postgraduate programmes

For more specific information on the Faculty's postgraduate programmes, consult the University's webpage on Postgraduate Studies (<http://www.sun.ac.za/english/pgstudies/>) or the various departmental websites.

## 1. Programme offering

The following postgraduate diploma and degree programmes are presented by the Faculty of Medicine and Health Sciences:

<b>Postgraduate Diplomas</b>	<b>Abbreviation</b>
Postgraduate Diploma in Addiction Care	PG Dip (Addiction Care)
Postgraduate Diploma in Disability and Rehabilitation Studies	PG Dip (Disability and Rehabilitation Studies)
Postgraduate Diploma in Family Medicine	PG Dip (Family Medicine)
Postgraduate Diploma in Health Care Management	PG Dip (Health Care Management)
Postgraduate Diploma in Health Research Ethics	PG Dip (Health Research Ethics)
Postgraduate Diploma in Infectious Diseases	PG Dip (Infectious Diseases)
Postgraduate Diploma in Medical Toxicology	PG Dip (Medical Toxicology)
Postgraduate Diploma in Medicines Development	PG Dip (Medicines Development)
Postgraduate Diploma in Occupational Medicine	PG Dip (Occupational Medicine)
Postgraduate Diploma in Rural Medicine	PG Dip (Rural Medicine)
Postgraduate Diploma in Specialist Nursing/Midwifery	PG Dip (Specialist Nursing/Midwifery)
<b>Honours Degrees</b>	<b>Abbreviation</b>
Bachelor of Science Honours	BScHons
<b>Master's Degrees</b>	<b>Abbreviation</b>
Master of Addiction Care	MAddiction Care
Master of Audiology	MAud
Master of Global Surgery	MGlobalSurg
Master of Human Rehabilitation Studies	MHumRehab
Master of Medicine	MMed
Master of Nursing	MNurs
Master of Occupational Therapy	MOccTher
Master of Pathology	MPath
Master of Philosophy	MPhil
Master of Physiotherapy	MPhysio
Master of Public Health Nutrition	MNutr in Public Health
Master of Science	MSc
Master of Speech-Language Therapy	MSpeech
Master of Therapeutic Nutrition	MTherNutr
<b>Doctoral Degrees</b>	<b>Abbreviation</b>
Doctor of Philosophy	PhD
Doctor of Science	DSc

## 2. Commencement of postgraduate studies

As postgraduate student you must register for your particular programme at the start of the academic year. The only programmes that still take on students at the start of the second semester are MMed programmes. If you are accepted for an MMed programme, you will be able to register at the start of the second semester. You can submit a request for exclusion from this rule to the Vice-Dean: Learning and Teaching, with special motivation.

### **3. Recognition of prior learning and credit accumulation and transfer (RPL&CAT)**

Consult the RPL&CAT guidelines of the Faculty of Medicine and Health Sciences for more information on the procedures and guidelines regarding the recognition of prior learning and credit accumulation and transfer in the Faculty. These guidelines are available at [www.sun.ac.za/tygststudentadmin](http://www.sun.ac.za/tygststudentadmin) under "Policies and Guidelines".

### **4. Class fees**

From 2010 class fees for all structured M degree programmes will be levied per module. Until further notice the class fees for MMed programmes will be levied per annum, as in the past, with the exception of the class fees for the MMed (Fam Med) programme which will be levied per module.

The class fees for the research modules within the structured M degree programmes will be spread over two years (70% of the class fees in the first year of registration and 30% in the second year) to prevent you from having to pay the full amount for two consecutive years. If you complete your research module within one year of study, you will therefore pay only 70% of the class fees for the specific module. But if you fail to complete the research module within the prescribed two years, you will pay, as of the third year of study, the full amount for the module.

If you register for a research master's degree, you must pay the full amount in the first year of study with a continuation levy in the second and third year. However, in the fourth and following years of study the continuation levy will double.

## Disclaimer:

The content above comes from the 2025 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 **1. Programme offering**.