

5.2.1.5 BScHons in Hyperbaric Medicine

Specific admission requirements

- The MBChB degree of this or another recognised university, or an equivalent qualification acceptable for registration as medical practitioner in the category independent practice.
- A completed internship year(s).
- A valid diving medical fitness certificate (or the ability to get one before participating in hyperbaric exposures).

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**. Only a limited number of students are admitted to the programme.

Duration of programme

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

Programme description

The programme trains medical practitioners in the field of hyperbaric medicine. As a medical practitioner you are exposed to various hyperbaric medicine concepts, with the main focus being on the practice of hyperbaric medicine in the clinical hospital setting. This programme does not cover the occupational health aspects related to diving medicine or hyperbaric tunnelling. These occupational health aspects are covered in the Underwater Medicine programme.

Programme content

Basic Hyperbaric Medicine	772(25)
Operational Hyperbaric Medicine	773(35)
Advanced Hyperbaric Medicine	774(20)
Research Methodology	775(10)
Research Assignment	776(30)

Assessment and examination

You write examinations only on the modules that you have completed. If you complete the entire programme, your final mark will be calculated on the basis of:

- the successful completion of the examinations set for each module (10% of final mark);
- two written three-hour closed-book examination papers (50% of final mark);
- an oral examination of at least 30 minutes (20% of final mark); and
- a research project demonstrating competence in basic research methodology (20% of final mark).

Enquiries

Programme leader: Dr WAJ Meintjes
Tel: 021 938 9272 Email: wajm@sun.ac.za

5.2 Honours degrees

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 Education 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 Education on the basis of a *curriculum vitae* and a written recommendation by the Preliminary Examination Committee.

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*.