# Undergraduate Faculty Brochure



UNIVERSITEIT VAN PRETORIA UNIVERSITY OF PRETORIA YUNIBESITHI YA PRETORIA

# **Faculty of Health Sciences**

Fakulteit Gesondheidswetenskappe Lefapha la Disaense tša Maphelo

The closing date for programmes in this Faculty is **30 June**.

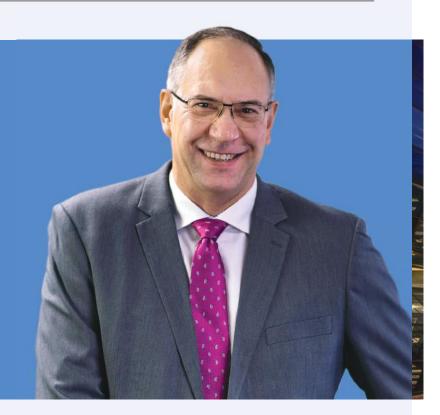
Make today matter



# Message from the Dean

The Faculty of Health Sciences at the University of Pretoria has a long history of delivering excellence in the education of healthcare professionals. The more than 600 full- and part-time lecturers, researchers and clinical practitioners who are dedicated role models in the Faculty, aims to inspire students to become #LifeChangers.

Prof Tiaan de Jager Dean: Faculty of Health Sciences



To date more than 304 239 alumni have completed their training at this institution and we remain committed to ensuring that our graduates are competent, responsible, passionate and holistic healthcare professionals.

Quality is at the heart of the Faculty's commitment to a culture of excellent teaching and learning. Our curricula and teaching methods are regularly updated to ensure that they meet the demands of a rapidly changing world.

Our high standards and innovative approaches to learning enhance the ability of our graduates to deal with and solve complex problems. Our state-of-the-art teaching venues, laboratories, skills training laboratories, IT facilities, teaching hospitals and clinics help bring teaching and learning to life. To meet the healthcare needs of the country, we have responded to the national demand for more graduates by expanding the Health Sciences Campus and residences to accommodate the increasing number of students.

We offer our students a comprehensive range of tutoring, mentoring and progress monitoring, as well as on-site student health and counselling service. Our excellent module pass rates and degree completion rates attest to our students' commitment and hard work, and the success of our student support systems. Access to additional research opportunities offer undergraduate students significantly more postgraduate opportunities within the Faculty.

Students are able to embrace a full and balanced university experience as they have access to a wide range of social, sporting, cultural, leadership and community outreach activities.

We look forward to welcoming you as a student in the Faculty of Health Sciences in 2024 and hope you will enjoy the journey towards becoming a #LifeChanger.

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Produced by the Department of Enrolment and Student Administration in December 2022. Comments and queries may be directed to ssc@up.ac.za or tel: +27 (0)12 420 3111.





# **Undergraduate programmes**

#### General admission regulations that apply to all prospective students

- 1. The admission requirements and general information provided in this Faculty brochure are applicable to students who apply for admission to the University of Pretoria with a National Senior Certificate (NSC) or an Independent Examination Board (IEB) qualification.
- 2. The following persons will be considered for admission to a first bachelor's degree at the University of Pretoria:
  - Candidates who have a certificate that is deemed by the University to be equivalent to the required National Senior Certificate (NSC) with bachelor's degree endorsement;
  - Candidates who are graduates from another tertiary institution or have been granted the status of a graduate of such an institution; and
     Candidates who are graduates of another faculty at the University of Pretoria.
- 3. Grade 11 results are used for the conditional admission of prospective students, but final admission will depend on the NSC (or equivalent) qualification and results.
- Candidates must also comply with the specific subject and achievement level requirements and the minimum Admission Point Score (APS) for their chosen degree programmes.
- 5. The APS calculation is done by using the NSC 1 to 7 scale of achievement. It is based on a candidate's achievement in six recognised 20-credit subjects. The highest APS that can be achieved is 42. Life Orientation is a 10-credit subject and is excluded from the calculation when determining the APS. The following subject rating scores are used for calculating the APS for NSC/IEB:

#### **Admission Point Score (APS) Conversion**

Rating code	Rating	Marks %
7	Outstanding achievement	80–100%
6	Meritorious achievement	70–79%
5	Substantial achievement	60-69%
4	Adequate achievement	50-59%
3	Moderate achievement	40-49%
2	Elementary achievement	30–39%
1	Not achieved	0–29%

NSC - National Senior Certificate (completed Grade 12 in or after 2008)

IEB – Independent Examination Board

- 6. Except in cases where modules or programmes require the use of a language other than English, all modules will be presented in English, which is the University's official language of tuition, communication and correspondence.
- 7. Minimum requirements for admission to the relevant programmes are set out in the minimum admission requirements table in this brochure.
- 8. Meeting the minimum admission requirements does not guarantee admission into a programme.
- 9. Applicants with qualifications other than NSC and IEB should refer to the following publications:
  - The Undergraduate Programme Information 2024: Qualifications other than the NSC/IEB brochure, which is available at www.up.ac.za/programmes > Undergraduate > Admission information.
  - The Newcomer's Guide: 2023 brochure of the International Cooperation Division, which is available at www.up.ac.za/programmes > Undergraduate > Admission information.
- School of Tomorrow (SOT) and Accelerated Christian Education (ACE): The University of Pretoria no longer accepts qualifications awarded by these institutions.
- 11. **General Education Development** (GED): South African GED graduates who graduated up to 2019 may be considered for admission, provided they qualify for an exemption certificate issued by USAf and comply with both University admission and Faculty subject requirements. South African GED graduates who graduated after 2019 cannot be considered for admission to UP as the diploma is not accredited by USAf and will not be considered for exemption. Applicants from the USA who completed the GED may apply for a Foreign Conditional Exemption Certificate issued by USAf and accompanied by their SAT/TOEFL/IELTS results.
- 12. **National Certificate (Vocational)** (NCV) Level 4: The University of Pretoria may consider NCV candidates, provided they meet the exemption for bachelor's status criteria and the programme requirements.

Note: Refer to the General Academic Regulations and Student Rules at <a href="www.up.ac.za/yearbooks/home">www.up.ac.za/yearbooks/home</a>, click on 'General Rules and Regulations'.

#### APPLICATION AND CLOSING DATES:

- Applications open on 1 April. All study programmes at the University of Pretoria are number-limited. You are encouraged to submit your
  application as soon as possible after 1 April.
- The closing date for applications for study programmes in the Faculty of Health Sciences is 30 June.





#### Faculty-specific admission regulations

- 1. The Faculty of Health Sciences seeks to admit students with the academic credentials that have been shown to predict success.
- 2. To ensure an equitable representation of demographically defined designated groups, places are reserved in specific categories. Selection thus takes place in different categories as indicated in this document.
- 3. For purposes of selection in the Faculty of Health Sciences, the Designated Group category includes Black and Coloured South African candidates. The Open category refers to all applicants, including those from the Designated Group who first compete in the Open category and, if unsuccessful, subsequently compete in the Designated Group category.
- 4. The target numbers applicable to each programme are specified for all the categories. If insufficient applications from qualifying applicants are received in a certain category, the Selection Committee may decide to either not fill all the places, or to offer them to qualifying applicants from another category.
- 5. A limited number of places are made available to citizens from countries other than South Africa,\* with those from SADC countries being given preference. Permanent residents of the RSA are not categorised as foreign students. Applications received from citizens of other countries\* may also be considered if they are:
  - citizens or permanent residents of countries that have relevant government-to-government agreements with South Africa, or
  - asylum seekers or refugees.
- 6. Applications received from citizens of other countries\* that have their own medical schools are not considered for admission to medical studies (MBChB).
- 7. Applicants who have multiple citizenships, including South African citizenship, will be considered to be South African.
- 8. The final number of places allocated to new applicants will be determined on an annual basis, considering the teaching facilities and resources available and, where necessary, the number of places allocated to students repeating modules in the first year of study of each degree programme.
- 9. Only applicants who comply with the requirements set out in this document will be considered for selection. However, compliance with the minimum requirements does not guarantee admission as only a limited number of students can be accommodated.
- 10. Selection is based on merit. The Faculty does not determine specific selection cut-off values for the different categories. Such values are generated by the number of students competing in a particular category in relation to the number of places available.
- 11. A Merit Point Score (MPS) is used for ranking applicants for selection purposes in all programmes. In certain programmes, criteria such as rural residence may also be used as part of the selection process.
- 12. Only first-choice applicants will be considered, except where otherwise specified, in which case second-choice candidates may be considered if places are available.
- 13. The top candidates will be selected conditionally up to or surpassing the allocated number, based on past experience regarding the expected number of acceptances. The names of the students with the next highest scores are placed on a waiting list. To avoid creating unrealistic expectations, the length of the waiting list is determined by past experience of the number of places likely to become available.
- 14. All offers are conditional until the final exam results have been received. For applicants in the School-leaver categories a conditional place will be confirmed as long as the NSC or equivalent scores are not more than two points below the Grade 11 APS score.
- 15. Once the final NSC or equivalent qualification results have been received, conditional offers will be confirmed if the applicant still meets the required criteria. The MPSs of those on the waiting list will be recalculated using the NSC or equivalent qualification results and if places become available, offers will be made to them.
- 16. Any places that become available in any category after selection due to cancellation or forfeiture will be filled from the waiting list for the specific category.
- 17. This waiting list will remain active until the end of the second week after the commencement of lectures.
- 18. Applicants who have not been offered conditional places and whose names are not on the waiting list will not be reconsidered after the final NSC or equivalent qualification results have become available.
- 19. All successful candidates are admitted to the first year of study only. Registered students in the University Experience categories may apply for credit for completed equivalent modules.
- 20. Incomplete applications will not be considered.
- 21. Any deliberate omission of information, or false information provided by an applicant in the application may result in the immediate cancellation of the application, admission or registration.
- 22. A student who is made an offer but does not accept it cannot defer the offer and must reapply to be considered in the following year.

<sup>\*</sup>Applicants who are not South African citizens

BA (Audiology)

BA (Speech-Language Pathology)

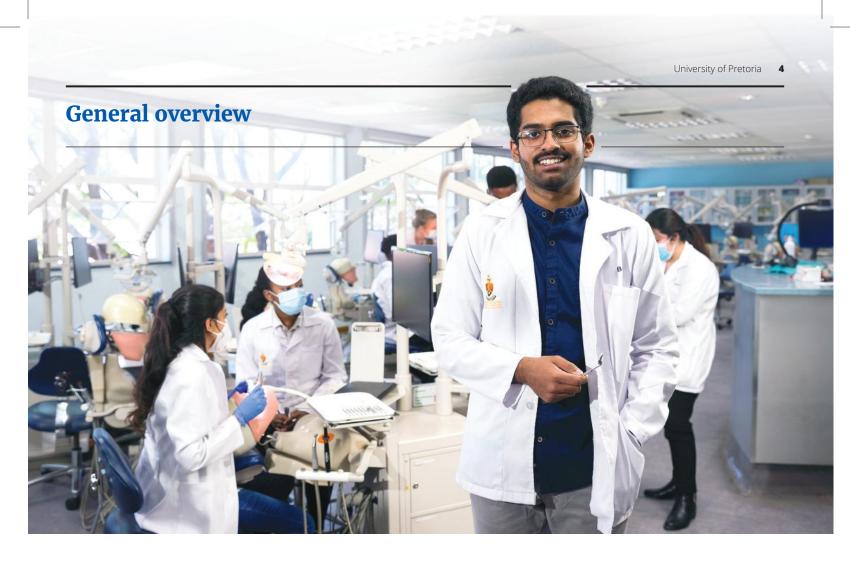
# **Undergraduate programmes**

#### Minimum admission requirements

- The closing date for applications for programmes in this faculty is 30 June.
- Meeting the minimum admission requirements does not guarantee admission into a programme.

		Minim	um requirements for N	ISC and IEB for 2024	
			Achievement level		
Programmes		English Home Language or English First Additional Language	Mathematics	Physical Sciences	APS
School of Dentistry					
Bachelor of Dental Surgery (B	ChD)	5	6	5	35
[5 years] The suggested second-choice pr	rogramme is any BSc biological sciences programme. F	Refer to page 13 for more ir	nformation.		
	es' final Grade 11 examination results.				
Bachelor of Oral Hygiene (BOF [3 years]	H)	4	4	4	25
	rogramme, please consult a Student Advisor. To make nation.	an appointment, send an e	email to carol.bosch@up.ac	c.za.	
Selection is based on a candidat Career: Oral hygienists	es' final Grade 11 examination results.				
School of Healthcare Scienc					
Bachelor of Dietetics (BDieteti [4 years]	ics)	4	4	4	28
	rogramme, please consult a Student Advisor. To make mation.	an appointment, send an e	email to carol.bosch@up.ac	c.za.	
Selection is based on a candidat Career: Dietitian	tes' final Grade 11 examination results.				
Bachelor of Nursing Science (E [4 years]	BNurs)	4	4	Life Sciences (not Physical Sciences) 4	28
For advice on a second-choice p Refer to page 26 for more inforr	rogramme, please consult a Student Advisor. To make mation.	an appointment, send an e	email to carol.bosch@up.a	c.za.	
1 0	es' final Grade 11 examination results.				
Bachelor of Occupational The [4 years]	rapy (BOT)	4	4	4	30
For advice on a second-choice p Refer to page 17 for more inforr	rogramme, please consult a Student Advisor. To make nation.	an appointment, send an e	email to carol.bosch@up.ac	c.za.	
Selection is based on a candidat <b>Careers:</b> Occupational therapist	es' final Grade 11 examination results. ts, academics and researchers				
Bachelor of Physiotherapy (BF [4 years]	Physio)	4	4	4	30
Refer to page 22 for more inforr		an appointment, send an e	email to carol.bosch@up.ad	c.za.	
Selection is based on a candidat <b>Careers:</b> Physiotherapists, acad	es' final Grade 11 examination results. emics and researchers				
Bachelor of Radiography (Diag [4 years]	gnostics) (BRad Diagnostics)	4	4	4	30
For advice on a second-choice p Refer to page 24 for more inforr	rogramme, please consult a Student Advisor. To make mation.	an appointment, send an e	email to carol.bosch@up.ac	c.za.	
Careers: Radiographers, acader	es' final Grade 11 examination results. mics and researchers				
School of Medicine				Physical Sciences or	
Bachelor of Clinical Medical Pi [3 years]	ractice (BCMP)	4	4	Physical Sciences or Life Sciences 4	28
For advice on a second-choice p Refer to page 9 for more inform	rogramme, please consult a Student Advisor. To make lation.	an appointment, send an e	email to carol.bosch@up.ac		
	es' final Grade 11 examination results and the Biograp	bhical Information Form.			
Bachelor of Medicine and Surg [6 years]	gery (MBChB)	5	6	5	35
The suggested second-choice prafter the first semester.	rogramme is any BSc biological sciences programme. F	Refer to page 5 for more inf	ormation. A limited number	er of spaces are available fo	r selectio
	tes' final Grade 11 examination results. Itioners, specialists (after postgraduate training)				
Bachelor of Sports Science (BS [3 years]	SportSci)	4	4	Physical Sciences or Life Sciences 4	30
For advice on a second-choice p Refer to page 11 for more inforr	rogramme, please consult a Student Advisor. To make mation.	an appointment, send an e	email to carol.bosch@up.a		
	es' final Grade 11 examination results. ares students to work competently in the health, welln	ess and sporting environm	ent. It is a prerequisite for a	admission to the BScHons p	rogramm
BSc (Nutrition)	BSc (Nutrition) is an interfaculty degree pr Human Nutrition (Faculty of Health Science Sciences undergradu to faculty by brothers	es). For the admission requ			
BA (Audiology)	Sciences undergraduate faculty brochure.				

BA (Audiology) and BA (Speech-Language Pathology) are presented by the Faculty of Humanities. For the admission requirements, please refer to the table in the Faculty of Humanities undergraduate brochure.



The Faculty of Health Sciences at the University of Pretoria is an international role player focusing on healthcare in Africa. Its vision is to maintain health standards through quality education, research and community service. Since its inception, it has developed into one of the largest health training institutions in the country and boasts an under- and postgraduate student corps of more than 6 000.

The lecturers and personnel of the Faculty provide appropriate professional undergraduate training for doctors, clinical associates, dentists, oral hygienists, dieticians, nurses, occupational therapists, physiotherapists, radiographers and sports scientists, as well as various postgraduate qualifications. The curricula are regularly updated in accordance with global and local changes in health education methodology.

Community-based education is an important and integral part of all the programmes. The Faculty ensures that students are trained to work in multidisciplinary teams in tertiary and secondary health facilities. By also exposing students to primary healthcare in the rural and historically disadvantaged areas of South Africa, the Faculty of Health Sciences equips its students with the necessary knowledge, professional attitudes and skills to bring hope and a better quality of life to diverse communities.

Clinical training takes place in hospitals and clinics, as well as in communities. Due to the possibility of exposure to infection and the crime situation in the country, clinical training does involve some risks.

The University of Pretoria has, however, introduced measures and explicit instructions for the protection of our students.

Students who join this Faculty will be part of a new generation of health professionals. The Faculty's outcomes-based and problem-oriented training offers a unique way of looking at patients and their health.

In order to participate in practical clinical training, students may have to register with the appropriate professional body, ie either the Health Professions Council of South Africa (HPCSA) or the South African Nursing Council (SANC). These governing bodies have specific requirements in respect of academic knowledge and clinical experience and standards that must be adhered to. Once students have graduated and obtained their degrees, they will re-register to achieve professional status and the right to practise in the field.

Note: Students will be immunised at their own cost.

#### University experience

The applications of students who are studying towards a tertiary qualification or have obtained a tertiary qualification must meet the following requirements regarding school subjects and performance levels: They must be in possession of an NSC for degree studies/full exemption certificate and must have attained a performance level of 4 (or 5, if required, or 50% HG if completed prior to 2009) for Mathematics and Physical Sciences (or Life Sciences, if required).

If the subjects were not passed in the final NSC/IEB examination, the equivalent subjects (Physics, Chemistry and Mathematics) must be completed at the tertiary level. University students do not have to submit a non-academic performance record or CV. Selection is based on the results attained in the qualification(s) previously completed, ie they will be considered on the basis of their results achieved in higher education.

The completion of a three-year diploma or certificate course is not considered university experience. Applicants with these qualifications will be considered in the school-leaver category and admission will be based on their final NSC results.

# **Bachelor of Medicine and Surgery (MBChB)**

#### Selection

- Three hundred (300) first-year students are selected annually.
- Only first-choice applicants are considered.
- The University considers both school leavers and applicants who have already studied at tertiary institutions.
- Compliance with the minimum admission requirements does not guarantee admission to the MBChB programme.
- Conditional selection is based on final Grade 11 results.
- Candidates must maintain their Grade 11 averages (in terms of which they were conditionally selected) in the final school examination and ensure that their APS does not drop by more than two points.
- The conditional selection of candidates is made strictly according to the merit list compiled for the two categories (Open and Designated Group) and any places that become vacant are filled from the waiting list. The categories are as follows:
  - Open category: All applicants including applicants from the Designated Group compete first in the Open category and then in the Designated Group category if unsuccessful in the Open category
  - Designated Group category: (South African Black or South African Coloured candidate)

#### Midyear intake from BSc to MBChB

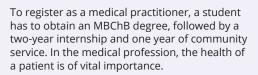
A limited number of places are reserved for new first-year students in the second semester of year one. The selection for the midyear intake is based on merit in the abovementioned categories.

Learners who apply in their final school year and were not selected for MBChB, and who wish to apply for admission to the MBChB in the second semester may register for any BSc biological sciences programme with the following modules: Chemistry (CMY 151), Physics (PHY 131), Molecular and Cell Biology, Science and Worldviews (FIL 155), People and their Environment (MGW 112) and Medical Terminology (MTL 180).

**Note:** To be eligible for the midyear selection, students must have an APS of at least 35 and a minimum of 70% for Mathematics in their final NSC or equivalent examination.

Only first-year registered BSc students at UP with no previous tertiary (University, University of Technology or College) training will be considered. Students enrolled for the BSc Extended programme – Biological and Agricultural Sciences, do not qualify to apply for the midyear intake. Admission is subject to a selection process, and complying with the requirements does not guarantee admission.

#### What does the programme entail?





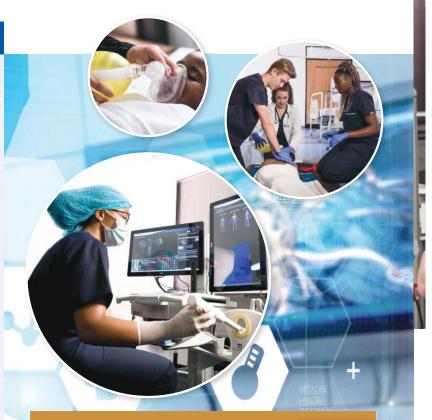
Patients are treated to restore their health. Special programmes are developed to prevent the spread of diseases and/or infections in the community.

The promotion of a healthy lifestyle is also an essential function of medical doctors.

- Community engagement: The curriculum is compiled from the viewpoint that training should take place through service delivery. In this context, the Faculty provides a comprehensive service to the broader community through several outreach programmes. Students are already involved in these programmes during their undergraduate studies. The Daspoort Clinic in Pretoria is an example of a place that serves as a service training platform where the students can work.
- Research: Advances in medical science depend on active research in the various fields of specialisation. This is why undergraduate and postgraduate student training in a research environment promotes an inquiry-based approach to learning and skills for carrying out research.

#### **Duration of the programme**

- Year 1 to the middle of year 5: Theoretical, practical and clinical training in the medical disciplines
- Second half of year 5 and year 6: Student internship, which is patient-centred and during which clinical training takes place in hospitals and clinics. This is followed by two years of internship with clinical service under supervision in accredited hospitals throughout the country and a compulsory year of community service. These three years are not part of the university training.



#### Who is the ideal candidate?

Medicine is not only a profession—it is a calling. Prospective students, therefore, have to be prepared to serve humanity in all its facets. The medical profession demands high ethical standards in practice, and the career makes heavy physical and mental demands on practitioners. The ideal candidate should be disciplined, a problem solver, critical thinker, socially responsible, culturally competent and compassionate.

# **Bachelor of Medicine and Surgery (MBChB)** (continued)

#### What makes this programme unique?

The University of Pretoria's internationally comparable, problem-oriented and outcomesbased training programme is accredited by the Health Professions Council of South Africa (HPCSA), and the high standard of training is recognised locally and internationally. Exchange agreements have been concluded between the School of Medicine and similar faculties at universities abroad.

#### **Career opportunities**

The MBChB degree allows graduates to register as medical practitioners once they have completed their internship (two years) and community service (one year). After that, they may practise as general practitioners (medical doctors) in hospitals or private general practice, carry out research, and/or teach undergraduates. Students may work in SANDF, work in research institutes, pharmaceutical companies or old age homes.

Further postgraduate study is required to become a specialist. Specialists can work in hospitals and/or private practices or follow a career in academic medicine. This involves clinical



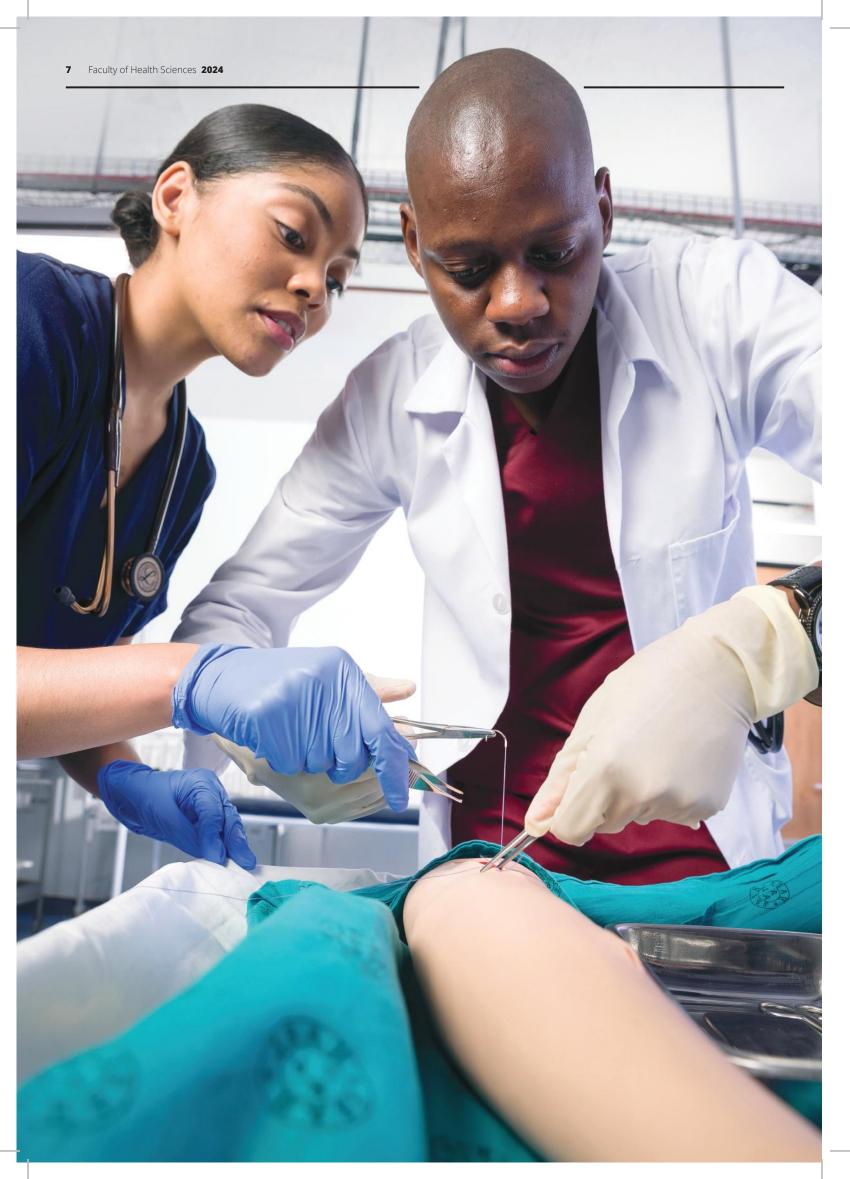
#### Minimum admission requirements

Programme	Minim	num requirements for N	ISC and IEB for 2024	
	Achievement level			
	English Home Language or English First Additional Language	Mathematics	Physical Sciences	APS
School of Medicine				
Bachelor of Medicine and Surgery (MBChB) [6 years]	5	6	5	35

The suggested second-choice programme for MBChB is any BSc biological sciences programme. A limited number of spaces are available for selection after the first semester.

Selection is based on a candidates' final Grade 11 examination results.

Careers: General medical practitioners, specialists (after postgraduate training)



## **Bachelor of Medicine and Surgery (MBChB)** (continued)



'I started my time at the University registered for a degree in biological sciences. I had great hopes of getting into medicine after the first six months, but of course, life had other plans for me, and I ended up getting into medicine after having completed my degree in human genetics and physiology.

I received my acceptance letter a week before selections closed, so I was, and still am, beyond grateful not only to be studying my degree of choice but also to be part of a faculty where one feels part of a community, where one has a home away from home. Learning how to adjust to university doesn't come easily, and it's not hard to feel lost in a sea of people. The Faculty of Health Sciences has a way of empowering and embracing the individual to be inspired to achieve academically and excel in their extracurricular activities.

I ended off my matric year not knowing where I wanted to study, but now more than ever, I'm thankful that I chose UP and that UP chose me. After many years at this University, I can confidently say that the only way is the UP way, and it is a great privilege to be part of the UP family!'

## Mberi Tjijorokisa

- Bachelor of Medicine and Surgery (MBChB)



'The decision of which university to affiliate yourself with is one of the most important decisions you will make as it quickly renders you an ambassador of the brand, and the reflection of its excellence will determine your success.

Hailing from a small town in the Eastern Cape with little exposure but a big

dream, this decision was not taken lightly. In the past five years, I have become a proud Tukkie and proud to carry the legacy of the University of Pretoria. I came to the University of Pretoria with only a name and a dream, but I know I will leave, a leader that is not only visionary, culturally sensitive and in tune with the ills of our society but also a medical doctor that upholds an excellent work ethic and willingness to learn continuously.

UP cultivated in me a sense of ploughing back, settling for nothing but excellence and an even greater need to pave the way for many, just like myself, to thrive.

UP has given me the tools to say that I can make my dreams a reality proudly. I am a proud Xhosa girl, but now an even prouder Tukkie.'

#### **Alulutho Dingiso**

- Bachelor of Medicine and Surgery (MBChB)



'There is a lot of beauty in the ordinary things. Is that not the point?' - Pam Beesly

'My time at the University of Pretoria has been so much more than just tertiary education. My experience at UP has established for me a place in this world, in my career, in my spiritual life and solidified the type of doctor I want to be. I have learned so much about medicine, but I have also learned so much about leadership, friendship, love, and the complexities of the human condition.

I started at UP 6 years ago, and looking back, I entered this space as a child, and I know that I am coming out of it stronger, more confident, more courageous, more balanced, enriched, and so incredibly ready for anything life could possibly have in store. I have learned to love and appreciate every little beauty—whether it is the kindness of our senior doctors, having great chats and laughs with our patients, or getting ice cream to celebrate

the end of a block. UP has given me a greater appreciation of grace, mercy, the importance of gratitude and slowing down. I am excited for this next chapter of my life, but I know that I will always miss this glorious season—being a student, making new friends, building life skills and growing into the woman I am today.'

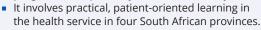
Paula Edwards - Bachelor of Medicine and Surgery (MBChB)

# **Bachelor of Clinical Medical Practice (BCMP)**

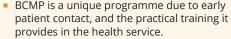
A clinical associate is a professional member of the healthcare team who has the necessary knowledge and skills to make a substantial contribution to the South African district health system. Clinical associates are supervised by doctors in the performance of all practice-related activities, including the requisition of diagnostic, therapeutic and other medical services, based on their education, training and experience.

#### What does the programme entail?





#### What makes this programme unique?



BCMP is accredited by the Health Professions Council of South Africa (HPCSA).



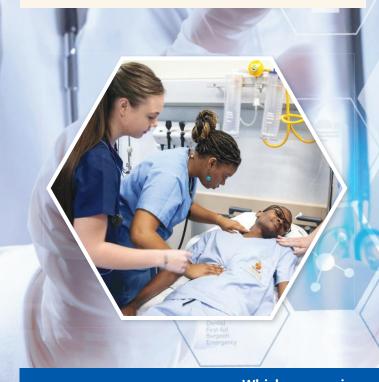
#### Who is the ideal candidate?

The ideal candidate is a self-directed learner with a passion for helping people from under-serviced populations. Disciplined, hard-working students excel.



#### **Career opportunities**

Clinical Associates work mostly in primary healthcare, in community healthcare programmes, clinics, private practices and hospitals. Clinical Associates also have various postgraduate study opportunities such as: Honours in Emergency Medicine, Postgraduate Diplomas in Public Health, HIV/AIDS management, Addiction Care, Community Oriented Primary Care and several more.





Health Care Doctor Hospital Pharmacist Nurse Dentist

## Which companies employ our graduates?

Private hospital groups such as:

Netcare Hospitals

Mediclinic

Life Healthcare Group ER Consulting Government Departments such as:

The Department of Health

The National Institute of Communicable Diseases (NICD)

The South African Military Health Services (SAMHS) The Wits Donald Gordan Medical Centre

Anglo American Health (We Care programme run by the University of Pretoria)

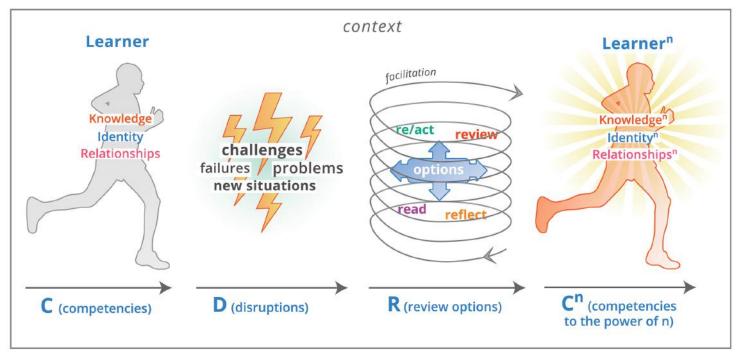
#### NGOs such as:

The Aurum Institute
CHAPS

Right to Care

# **Bachelor of Clinical Medical Practice (BCMP)** (continued)





The capability approach to learning



'Challenges are what make life interesting; overcoming them is what makes life meaningful. Studying BCMP is very challenging and requires one to be strong and hardworking. It has allowed me to grow so much as a person and become more responsible, caring and loving. I learned so much about myself and, most of all, never to give up when things get hard. The challenges we face at the hospital and school will make you a better clinician in the future. Here's a little secret on how to survive, when our facilitators throw lemons at you, make lemonade.'

Nokwanda Dlamini - Third-year BCMP student

#### Minimum admission requirements

	Minim	um requirements for N	SC and IEB for 2024	
Programme	Achievement level			
	English Home Language or English First Additional Language	Mathematics	Physical Sciences or Life Sciences	APS
School of Medicine				
Bachelor of Clinical Medical Practice (BCMP) [3 years]	4	4	4	28

For advice on a second-choice programme, please consult a Student Advisor. To make an appointment, send an email to carol.bosch@up.ac.za.

Selection is based on a candidates' final Grade 11 examination results and the Biographical Information Form. Careers: Clinical associates, academics and researchers

# **Bachelor of Sports Science (BSportSci)**

The BSportSci degree offers students with the opportunity to learn and apply the principles of exercise science within the realms of sport and wellness. It draws on many disciplines, including anatomy, physiology, biomechanics, motor control and development, measurement and evaluation as well as evidence-based exercise prescription. Thus, if you are interested in sport, physical activity, human movement and the science behind it all, then this is the degree for you.

#### What does the programme entail?

The three-year, full-time BSportSci programme includes basic and applied sciences focused on the human body and human movement.

The curriculum is problem-based and student-oriented with vertical and horizontal integration of subjects. The primary focus of the BSportSci curriculum is to prepare students to work competently in the health, wellness and sporting environment. The programme provides a pathway towards a BScHons in Biokinetics or Sports Science.

#### Who is the ideal candidate?

Candidates that are passionate about sport and exercise science. Candidates should be interested in the science and application of human movement, health and wellness.



#### What makes this programme unique?

This programme is unique because it prepares and allows students to apply for one of two professional degree programmes, namely BScHons in Biokinetics or Sports Science. Another unique quality of this programme is that it exposes students to the practical application of the theoretical knowledge gained early on in the programme. The programme is HPCSA accredited.

#### Structure of the programme

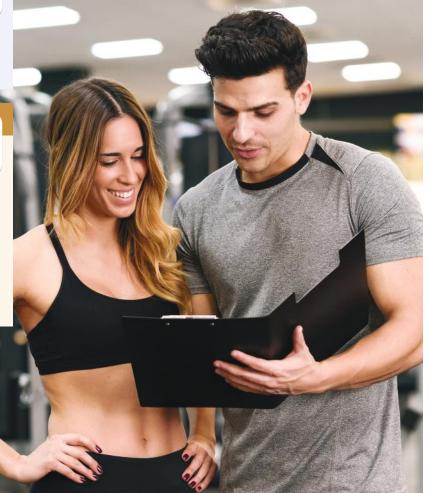
This three-year full-time BSportSci programme includes basic and applied sciences of the human body and provides a pathway towards a BScHons (Biokinetics) or a BScHons (Sports Science). A fixed curriculum is followed in both the BSportSci and the BScHons (Biokinetics) or a BScHons (Sports Science) programmes.

The BSportSci programme consists of 11, 10 and 8 core modules in the first, second and third year of the BSportSci programme, respectively. MSc and PhD programmes are research-based and include an MSc in Biokinetics, MSc in Sports Science and MSc in Biomechanics, and a PhD in Biokinetics, PhD in Sports Science and PhD in Biomechanics.

### **Career opportunities**

This course prepares students to work competently in the health, wellness and sporting environment. It is a prerequisite for admission to the BScHons programme in Sports Science or Biokinetics. After completing the BSportSci degree, students may apply to continue with the BScHons in Biokinetics or Sports Science, which is strongly recommended for those who want to pursue careers as sports scientists or biokineticists.

Sports scientists can work as strength and conditioning specialists for both team and individual athletes, sports managers, or other sports-related professionals in the sports industry. Biokineticists can work in the health and wellness industry, private practice, multidisciplinary medical centres, final-phase rehabilitation centres, homes for the elderly, the South African Armed Forces and the corporate sector. Both sports scientists and biokineticists can also work in the fitness industry as personal trainers, health and fitness instructors, exercise scientists, or gymnasium managers/owners. Students who pursue further postgraduate studies could also consider careers in academia or research.



## **Bachelor of Sports Science (BSportSci)** (continued)

# Which companies employ our graduates?



Companies in the health and fitness industry, commercial and privately-owned gymnasiums and medical supply companies.



'Pursuing a degree in Sports Science was an eyeopening experience for me as I discovered the almost limitless opportunities offered in this field.

During my three years of study, I learned much more than I expected. The modules I studied were detailed and had been

designed with purpose, and ranged from sports event management to sports injuries and exercise physiology. Looking back at the three years now, I see the value and significance of each module and how they all worked together to bring me to where I am now.

I am extremely grateful to my lecturers, who were supportive and always willing to go the extra mile to help. Their guidance and thorough teaching has contributed greatly to enhancing my understanding and knowledge. My experience of studying BSportSci is one I will never forget. It truly laid a solid foundation for the rest of my career, and for that, I am eternally thankful.'

#### **Desireé Buys**

- Currently completing a BSc Honours in Biokinetics



'I have always been passionate about sports, but this degree programme has offered me far more than I expected. The BSportSci degree has exposed me to a wide array of experiences and information that I never expected to need—let alone enjoy! It showed me what goes on behind the scenes to help athletes

reach their true potential, and how even ordinary people can become the best versions of themselves.

Students' eyes are opened to possibilities in the sports world that stretch far beyond the athlete, coach or team doctor. With each year that passes, they are exposed to an increasing number of career paths and have to begin thinking about where they would like fit into the puzzle that is the world of sports.

One would think that access to world-class facilities and lecturers would come with strict or unreasonably challenging terms and conditions, but that is not at all the case. From the beginning to the end of the programme, the lecturers are always willing to do whatever they can to help students to do the best they can. They ensure that you leave UP with a degree and with life and work skills that will serve you well, regardless of what you decide to do in life. This degree is known for creating a tight bond between groups that will last far longer than the three years spent studying it. The shared experiences will always be remembered and looked back on with a smile!'

**Thobani Xhakaza –** Currently a BSc Honours student in Sports Science

#### **Minimum admission requirements**

	Minim	um requirements for N	SC and IEB for 2024	
Programme	Achievement level			
	English Home Language or English First Additional Language	Mathematics	Physical Sciences or Life Sciences	APS
School of Medicine				
Bachelor of Sports Science (BSportSci) [3 years]	4	4	4	30

For advice on a second-choice programme, please consult a Student Advisor. To make an appointment, send an email to carol.bosch@up.ac.za.

Selection is based on a candidates' final Grade 11 examination results.

Careers: This course prepares students to work competently in the health, wellness and sporting environment. It is a prerequisite for admission to the BScHons programme in Sports Science or Biokinetics.

## **Bachelor of Dental Surgery (BChD)**

The School of Dentistry at the University of Pretoria is widely recognised—both nationally and internationally for the quality of its training, research and patient care, as well as for its involvement in community-based projects. The typical work-day of a dentist is spent diagnosing, preventing and treating diseases of the mouth and teeth. This includes the removal or repair of carious teeth, the replacement of absent teeth by means of crown dentures, and bridge therapy, and the treatment of diseases of the gums. Dentists are also responsible for surgical intervention in the mouth, the alignment of irregular teeth, alleviation of pain, improvement of aesthetics, root canal treatment and the planning of dental treatment in consultation with their patients.

#### **Selection**

- Seventy (70) first-year students are selected annually.
- Only first-choice applicants are considered.
- Conditional selection is based on the final Grade 11 results of the two categories (Open and Designated Group) as indicated under Faculty-specific admission regulations on page 2 in this brochure.
- Candidates must also comply with the minimum admission requirements as indicated in the table on the next page.
- Furthermore, candidates are expected to maintain or improve their Grade 11 averages (based on which they were conditionally selected) in the final school examination and ensure that the APS does not drop by more than two points.

#### Midyear intake from BSc to BChD

A limited number of places are reserved for new first-year students in the second semester of year one. The selection for the midyear intake is based on merit in the note below.

Learners who apply in their final school year and were not selected for BChD, and who wish to apply for admission to the BChD in the second semester may register for any BSc biological sciences programme with the following modules: Chemistry (CMY 151), Physics (PHY 131), Molecular and Cell Biology, Science and Worldviews (FIL 155), People and their Environment (MGW 112) and Medical Terminology (MTL 180).

#### What does the programme entail?

To keep pace with the requirements of modern tertiary education, the School of Dentistry follows a curriculum that is problem-based, student-oriented and directed at the community, with vertical and horizontal integration of subjects.

The degree in dentistry requires five years of full-time study, followed by one year of compulsory community service. Students get first-hand exposure to clinical dentistry from the second semester of the first year of study and participate in extensive clinical training from the third year onward through simulation and actual work on patients.

#### Who is the ideal candidate?

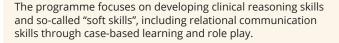
This programme is ideal for very driven and hardworking individuals who love working with people, are detail-oriented, love to work with their hands and technology, and want to make a difference to communities in need. An interest in the natural sciences, biology and research is a prerequisite.

**Note:** To be eligible for the midyear selection, students must have an APS of at least 35 and a minimum of 70% for Mathematics in their final NSC or equivalent examination. Only first-year registered BSc students at UP with no previous tertiary (University, University of Technology or College) training will be considered. Students enrolled for the BSc Extended programme – Biological and Agricultural Sciences, do not qualify to apply for the midyear intake. Admission is subject to a selection process, and complying with the requirements does not guarantee admission.



#### What makes this programme unique?

The programme is accredited by HPCSA. The programme is unique through early clinical exposure, integration and community exposure, forming golden threads throughout the curriculum.



#### Structure of the programme

The early part of the programme contains core modules focusing on human biology complemented by modules that address relevant aspects of social sciences. The students are introduced to the clinical setting from year two by assisting the senior dental students in the clinical wards. Clinical Dentistry modules start in year three, which includes preclinical skills training. Years four and five contain mainly clinical modules and a focus on Dental Practice Management.



# **Bachelor of Dental Surgery (BChD)** (continued)

#### Which companies employ our graduates?

Employment opportunities for dentists exist in private practice, in the South African National Defence Force, in public hospitals and clinics, in healthcare organisations and academic institutions.





'My experience studying dentistry so far has been very challenging, but at the same time, incredibly rewarding. Studying dentistry requires a lot of hard work and dedication, but it is definitely worth it. Studying at UP lets you have a hands-on experience

where the theory taught is linked practically. The doctors and lecturers here are excellent in guiding each student in becoming the best clinician they can possibly be one day.

Some of my fondest memories thus far have been doing community outreach, assisting other dental students in the hospital, starting to learn all the preclinical skills in preparation for treating patients next year, and of course, all the friends I have made throughout the years.

Dentistry has allowed me to grow as a person in many facets of life, and I cannot wait to complete my degree in the future and change my patients' lives.'

Bela Gomez - Bachelor of Dental Surgery (BChD)





'My name is Noxolo Ntutu, and I'm a final year BChD student. Being a dentistry student has been far more challenging than what I imagined it to be, but we all know that nothing worth having comes easy! Having the support and guidance of the lecturers and

clinical staff really did equip me to tackle both my academics and clinics to the best of my ability.

Being part of such a well-structured and peoplecentred institution has refined my work ethic and made me realise that dentistry goes beyond extracting a painful tooth; it is about holistically treating patients, being compassionate and always putting the patients' needs first. As a young future dentist, I feel empowered to go into the world and deliver healthcare services of 'private practice calibre' to the general public.'

Noxolo Ntutu - Bachelor of Dental Surgery (BChD)

#### Minimum admission requirements

	Minim	um requirements for N	SC and IEB for 2024	
Programme	Achievement level			
	English Home Language or English First Additional Language	Mathematics	Physical Sciences	APS
School of Dentistry				
Bachelor of Dental Surgery (BChD) [5 years]	5	6	5	35

The suggested second-choice programme is any BSc biological sciences programme.

Selection is based on a candidates' final Grade 11 examination results. **Careers:** Dentists, specialists, academics and researchers

# **Bachelor of Oral Hygiene (BOH)**

An oral hygienist is a dental professional trained to promote oral health, prevent oral diseases and provide related dental services. This is a three-year degree programme during which students receive training in both medical and dental subjects.

#### **Additional requirements**

- Candidate who is in possession of a school certificate or diploma that is deemed by the University to be equivalent to the required National Senior Certificate (NSC) with university endorsement
- Candidate who is a graduate from another tertiary institution or has been granted the status of a graduate of such an institution
- Candidate who is a graduate of another faculty at the University of Pretoria
- Candidate who is currently in university

#### Who is the ideal candidate?

The ideal candidate is someone who has:

- a passion for oral health;
- interpersonal skills;
- good manual dexterity;
- hard worker;
- good communication and people skills;
- attention to detail; and is
- compassionate and patient.

## What does the programme entail?

Students receive training in basic medical and dental subjects. Theory and practice are integrated from the first year of study.

- Community dentistry (outreach programmes within communities around Pretoria at schools, old age home and nursery schools)
- Preventive Clinic (oral health education, oral health promotion and treatment of patients in the Preventive Clinical Ward)
- Orthodontic Ward (work hand in hand with the qualified oral hygienist, specialist and registrars)
- Periodontics and Oral Medicine Ward (treatment and maintenance plan of patients with periodontal disease, assist in surgeries and maintenance of implants including preparation for the patients pre- and post-surgery)
- Maxillo-Facial and Oral Surgery (assist and prepare patients before surgery, removing sutures, splinting of mobile teeth, administering local anaesthetic, and participating in cleft lip and palate clinics)
- Patient management (treatment of emergency patients within the scope of oral hygiene practice, comprehensive patient management, effective communication, public speaking, ethics and practice management)
- Odontology (learning and application of dental materials)





# Bachelor of Oral Hygiene (BOH) (continued)





'The best way to find yourself is to lose yourself in service of others' - Mahatma Gandhi.

'In few other faculties or schools, will you learn to open your heart and serve those who cannot offer you anything.

The past two years have not only been a fulfilling and rewarding experience as an oral hygiene student, but have built my character in more ways than one. I have learned that our profession reaches much further than only treating mouths. It is a challenging programme that instils a mindset of civic responsibility.

I have gained the ability to leave all patients that I meet, better than how I found them. I am eager to see what my future holds, all thanks to UP who gave me the opportunity to become a competent, passionate, holistic healthcare professional and a lifelong learner.'

**Chené Horn** – Third-year BOH student

#### Minimum admission requirements

	Minim	um requirements for N	ISC and IEB for 2024	
Programme	Achievement level			
	English Home Language or English First Additional Language	Mathematics	Physical Sciences	APS
School of Dentistry				
Bachelor of Oral Hygiene (BOH) [3 years]	4	4	4	25
For advice on a second-choice programme, please consult a Student Advisor. To make	an appointment, send an e	email to carol.bosch@up.ac	.za.	

Selection is based on a candidates' final Grade 11 examination results. Career: Oral hygienists

Email healthapplications@up.ac.za

# **Bachelor of Occupational Therapy (BOT)**

As a healthcare profession, occupational therapy promotes health and well-being. It is the art and science of facilitating participation through occupations.

#### **Selection**

- Fifty (50) first-year students are selected annually.
- Only first-choice applicants are considered.

- Conditional selection is based on the final Grade 11 results of the two categories (open and designated group) as indicated under Faculty-specific admission regulations on page 2 in this brochure.
- Candidates must maintain their Grade 11 averages (which they
  were conditionally selected on) in the final grade 12 school
  examination and ensure that the APS does not drop by more
  than two points.

#### What does the programme entail?

The Department of Occupational Therapy at the University of Pretoria embraces transformation and diversity and aims to be an outstanding internationally-respected department committed to excellence in research, social responsiveness and innovative teaching and learning.

Occupational therapists enable people of all ages with physical and mental impairments to lead meaningful and independent lives. Individuals with physical and mental health conditions and/or disabilities are treated to function independently/ optimally in their occupations and specific contexts. People with loss of function due to disability and societal barriers are assisted by modifying their occupations or the environment to maintain their independence.

#### **Structure of programme**

#### **Core modules**

- Occupational therapy
- Occupational science

#### **Postgraduate studies**

Postgraduate study offers increased occupational therapy knowledge and skills in mental health; physical conditions such as hand therapy and adult and paediatric neurology; vocational rehabilitation; education in occupational therapy; and areas of occupational therapy such as play, leisure, education/school, Activities of Daily Living (ADL)/Instrumental Activities of Daily Living (IADL) and work.

#### Who is the ideal candidate?

The ideal candidate must have the following characteristics:

- Good communication skills (written and verbal)
- Exceptional interpersonal skills
- Caring and empathetic
- Able to encourage others to develop their potential
- Creative and show initiative
- Problem solver
- Intellectual and practical aptitudes
- Strong self-esteem
- Well-balanced lifestyle
- High emotional intelligence
- Ability to work in a team



#### What makes this programme unique?

Occupational therapy is an exciting career that offers numerous opportunities. It requires an adaptable and practical person with good problemsolving skills. A successful occupational therapist has good interpersonal skills and can approach diverse situations in a resourceful and creative manner.

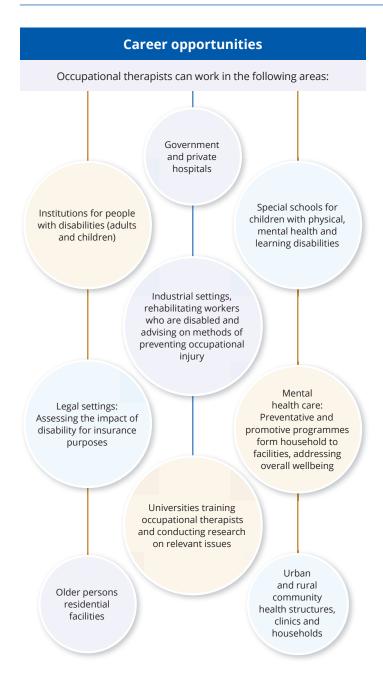








# **Bachelor of Occupational Therapy (BOT)** (continued)





'Occupational therapy is more than just a profession. It's a lifestyle. It's learning to see people for more than who they are on the outside and instead seeing them for who they have the potential to be '

**Michelle Botha** – Bachelor of Occupational Therapy (BOT)



'The beauty of occupational therapy is that it can change one's narrative of their life when they have written themselves off due to their physical and cognitive impairment. There is nothing more fulfilling than giving mortals hope again and restoring their quality of life. Occupational therapy is the

wave you do not want to miss if you have a passion for people. The seeds of making an indelible impact in people's lives lie dormant within you.'

**Thabang Rameetse** – Bachelor of Occupational Therapy (BOT)

Approximately 50 students graduate from this programme annually.

#### Minimum admission requirements

	Minimum requirements for NSC and IEB for 2024			
		Achievement level		
Programme	English Home Language or English First Additional Language	Mathematics	Physical Sciences	APS
School of Healthcare Sciences				
Bachelor of Occupational Therapy (BOT) [4 years]	4	4	4	30
For advice on a second-choice programme, please consult a Student Advisor. To make	an appointment, send an	email to carol.bosch@up.ac	za.	

Selection is based on a candidates' final Grade 11 examination results. **Careers:** Occupational therapists, academics and researchers

## **Bachelor of Dietetics (BDietetics)**

The BDietetics degree is a four-year, full-time structured and integrated programme that includes both theory and practical training. An outcomes-based and problem-oriented healthcare team approach in a clinical and a community environment is followed.

#### What does the programme entail?

The programme aims to improve health and nutrition of communities through advocacy and policy development.



The effective delivery of this professional service requires scientific knowledge of the following:

- Foods and nutrients
- The nutritional needs of ill and healthy people
- The biochemical and physiological foundations of nutrition
- The role of nutrition in the prevention and management of diseases
- Nutrition education and counselling
- Nutrition advocacy

**Clinical dietetics** (medical nutrition therapy) focuses on individuals' nutrition, either preventative in terms of lifestyle-related diseases or therapeutic in treating a disease. For example, a person with diabetes will have a specific dietary lifestyle that will be designed and monitored by the dietitian.

**Community-based dietetics** aims to educate and train communities or groups of people to improve their health through nutrition. An example of this is when communities are trained about the food they need, to maintain a healthy lifestyle. They advocate for improved nutrition through input into policy development en liaising with relevant stakeholders and communities, for example sugar tax and malnutrition prevention.

The management of large-scale food service units, where clients' nutritional needs are considered when planning regular and therapeutic menus of high quality.

#### Who is the ideal candidate?

- The ideal candidate is someone who has good communication and people skills, is disciplined and hard working, has passion for helping individuals and communities and has good problem solving skills.
- Candidates with a passion for nutrition and its role in the management of diseases

#### What makes this programme unique?



The qualification is outcome based, problem oriented and accredited by the Health Professions Council of South Africa (HPCSA). The high standard of training is recognised locally and internationally.

#### Which companies employ our graduates?



- Private and government hospitals and community health centers
- Department of Health (DOH)
- Food manufacturers
- Pharmaceutical companies
- World Health Organization (WHO) and the World Food Program (WFP)
- Non-governmental organization (NGO), eg UNICEF
- Research institutions, eg National Research Foundation (NRF) and Medical Research Council (MRC)
- Academic institutions





'The opportunity to study Dietetics at the University of Pretoria has been a blessing, and although I had to overcome many challenges the journey was thoroughly worthwhile. On my first day as a student, we were told that we should consider everyone in the class as family, which really put me at ease. The immense support I received from the Department of Human Nutrition and fellow students made it much easier to overcome the challenges that came with the programme.

As I progressed through my studies, I underwent intense training during which I was exposed to different areas of the profession and my passion for my chosen field kept growing. While studying dietetics I acquired many unique skills, which have made it possible for me to fit into a wide range of roles.

If helping people makes you happy, dietetics is the perfect programme for you. Its diversity allows you to choose in which of several possible areas you would like to work. I chose to help people to make healthy lifestyle choices by choosing to eat sensibly.'

Meriam Letsoalo, who recently qualified and is now employed

# **Bachelor of Dietetics (BDietetics)** (continued)





'Thorough research convinced me that the University of Pretoria offered the best programme in the field of dietetics and I was delighted when my application to study at this institution was approved.

My journey while studying dietetics has been challenging, but also amazing in many ways. I have learnt to find humour in the most difficult situations, which enabled me to build up enough positive energy to get through them. I became aware of the importance of effective time management, which is a skill that was constantly demanded throughout my years of study. The best part is that if you are passionate about dietetics, the actual challenge is finding your feet and yourself while in the process of studying. I also

developed an interest in leadership. Initially I acted as a mentor and HK in the Department, and eventually I decided to develop my leadership skills further by becoming involved in the Student Representative Council (SRC). During all this time I have enjoyed the full support and encouragement of my lecturers. I am proud to be a Tukkie. I am proud to have conquered FLY@UP!'

Letlhabile Makone - Bachelor of Dietetics (BDietetics)

#### Minimum admission requirements

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		Minim	um requirements for N	SC and IEB for 2024	
Programme	Achievement level				
	English Home Language or English First Additional Language	Mathematics	Physical Sciences	APS	
School of Healthcare Sciences					
Bachelor of Dietetics (BDietetics) [4 years]		4	4	4	28

For advice on a second-choice programme, please consult a Student Advisor. To make an appointment, send an email to carol.bosch@up.ac.za.

Selection is based on a candidates' final Grade 11 examination results.

Career: Dietitian

## **BSc (Nutrition)**

BSc (Nutrition) is a four-year interfaculty degree programme, jointly presented by Consumer and Food Sciences (Faculty of Natural and Agricultural Sciences) and Human Nutrition (Faculty of Health Sciences).

World-class education and training for future leaders in nutrition is provided. The University of Pretoria is the co-host of the national Centre of Excellence in Food Security. The University's Institute for Food, Nutrition and Well-being is pioneering cross-disciplinary research to help solve South Africa's critical food and nutrition challenges.

This centre has an internationally recognised postgraduate research programme. Participation in national and international research projects attracts outstanding South African and foreign students.

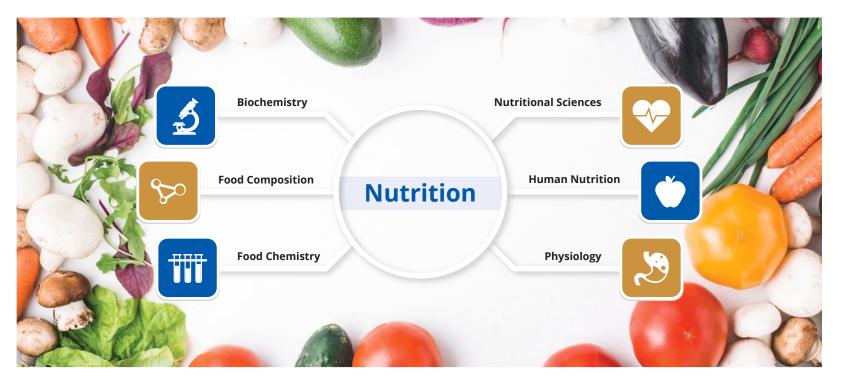
Students are provided with ample opportunities to gain career exposure through practical training sessions and participation in competitions and mentorship programmes. They are also actively involved in the Nutrition Society of South Africa. Students organise activities through the student body TUKSFoST.

#### **Career opportunities**

The food industry is South Africa's largest manufacturing sector. All multinational and a variety of smaller food companies employ nutrition graduates who quantify the nutrient composition of products, ensure that products conform to legislation and communicate their nutritional benefits to consumers. They develop food products and supplements to meet the specialised nutrition and health needs of specific consumer groups.

As candidate natural scientists, all graduates may register with the South African Council for Natural Scientific Professions as Professional Natural Scientists in training. A subsequent BSc (Hons) qualification and/or work experience will qualify a candidate for registration as a Professional Natural Scientist in the category Food Science and Nutrition.

Please refer to the table below from the Faculty of Natural and Agricultural Sciences undergraduate faculty brochure for the admission requirements of BSc (Nutrition).



#### Minimum admission requirements

willing admission requirements				
	Minim	um requirements for N	SC and IEB for 2024	
		Achievement level		
Programme	English Home Language or English First Additional Language	Mathematics	Physical Sciences	APS
BSc (Nutrition) [4 years]	5	5	5	32

BSc (Nutrition) is an interfaculty degree programme, presented jointly by Consumer and Food Sciences (Faculty of Natural and Agricultural Sciences) and Human Nutrition (Faculty of Health Sciences).

Email consumer.food@up.ac.za

# **Bachelor of Physiotherapy (BPhysio)**

Physiotherapy is a healthcare profession that aims to restore or promote the normal physical functioning of the individual and rehabilitate individuals with injuries and those living with disabilities. Training is evidence and outcome-based. Physiotherapy students are exposed to a wide variety of patients, where they can use their examination and problem-solving skills to make a significant contribution to the health status of any patient. Physiotherapists who have qualified at the University of Pretoria are in demand in all sectors of healthcare worldwide.

The BPhysio programme requires four years of full-time study. Students are trained in physiotherapy in various areas, treating musculoskeletal, neurological, respiratory problems, and sports injuries. Training includes work in the field of paediatrics and communities. Musculoskeletal and sports therapies are used to treat problems affecting the vertebral and peripheral joints. Neurological therapy involves rehabilitation principles used to treat different conditions and diseases affecting the brain and spinal cord, and respiratory and cardiac therapy improves lung function and exercise tolerance. Students are also taught how to manage congenital and acquired paediatric conditions. Particular emphasis is placed on

community education and empowerment concerning health-related challenges.

The modalities taught in the four-year degree programme include manual therapy, soft-tissue mobilisations, electrotherapy, hydrotherapy and exercise therapy. Rehabilitation is a primary focus in all areas of physiotherapy practice.

#### **Selection**

- Sixty (60) students are selected annually.
- Only first-choice applicants are considered.
- Conditional selection is based on the final Grade 11 results of the two categories (Open and Designated Group) as indicated under Faculty-specific admission regulations on page 2 in this brochure.
- Candidates must also comply with the minimum admission requirements provided on page 3.
- Candidates must maintain their Grade 11 averages (in terms of which they were conditionally selected) in the final school examination and ensure that the APS does not drop by more than two points.

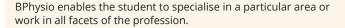
#### What does the programme entail?

The four years of study consist of theoretical, practical and clinical training in basic medical sciences and physiotherapy. An additional community service year, which does not form part of the university training, is compulsory.

- Clinical training: Undergraduate student training takes place in private and government hospitals in Pretoria.
   Special schools and the Sports Centre based at the University of Pretoria are also used. Community-based training of undergraduate students occurs in Mamelodi, Hammanskraal, Daspoort and Eersterust, and at various homes for the aged in Pretoria.
- Community service: An informed community is a healthy community. Consequently, much time is spent instructing patients and those who care for them. Patients are also taught to monitor their own health and to be physically active. Community-based training of undergraduate students occurs in Mamelodi, Hammanskraal, Daspoort and Eersterust, at various homes for the aged in Pretoria, and the Sports Centre of the University of Pretoria.
- Research: A proactive research environment enjoys high priority at the undergraduate and postgraduate levels, and undergraduate students are introduced to the research process under the guidance of staff members.

#### Who is the ideal candidate?

Ideal candidates include those who have problem-solving skills and enjoy evidence-based practice. A humble, hardworking people's person who enjoys working with the sick, elderly and young will succeed in this career.



#### Structure of the programme

#### **Core modules**

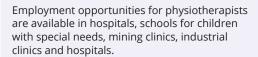
Physiotherapy year modules from years 1 to 4 involving techniques, modalities and application of musculoskeletal, neurology and cardio-respiratory conditions. Community integrated leadership in the various areas of Physiotherapy is also added.

#### **Postgraduate studies**

Master's and Doctorates must be specialised in the student's area of interest and entail a full thesis degree.

## **Bachelor of Physiotherapy (BPhysio)** (continued)

#### Career opportunities





Opportunities also exist in private practices, the South African National Defence Force, homes for the aged, local government bodies (municipal clinics), corporate companies, sports centres, and sports teams. Should you undertake postgraduate studies, you could also consider a career in research or academia.



'After nine years of working and two years of practising entrepreneurship while raising two children I decided to go back to university to study full time. I chose UP because I had heard about the high standard of the physiotherapy programme.

I soon discovered that what I had heard was true, and also why the UP programme is unique.

The support offered by the Department to students, especially to non-conventional students like me, make the experience unique. The student-centred support system includes academic programme reviews and rescheduling via the student advisory office to ensure an enjoyable and enriching academic experience.'

#### Khanyisile Mthombeni

- Bachelor of Physiotherapy (BPhysio)

# Which companies employ our graduates?

Private and government hospitals and private practices, schools for special needs, nursing homes, corporate businesses, research facilities and Universities.



'The past four years as a Physiotherapy student have been daunting, exhilarating and challenging, to say the least. The theory classes and the vast clinical experiences offered by the University of Pretoria have allowed me to increase my knowledge, grow and become more

resilient than I ever thought possible. Physiotherapy is often underrated as a field of study and I must confess that even I used to underestimate its value. This profession not only aims to help patients to become as functional as possible, but also to restore their sense of dignity and purpose. Being able to play such a role in someone's life is so incredibly grounding and humbling that it is difficult to express in words. This degree has taught me the value of life, the value of being able to move, to think and to even breathe! To be a physiotherapist is more than just a job, it's an honour. As my lecturers like to say: We're soft on people, but hard on facts! I'm excited to see what the world of physiotherapy will have in store for me next year.'

#### Sabeeha Cassim Noor Mohamed

- Bachelor of Physiotherapy (BPhysio)

#### Minimum admission requirements

	Minim	um requirements for N	SC and IEB for 2024	
Programme	Achievement level			
	English Home Language or English First Additional Language	Mathematics	Physical Sciences	APS
School of Healthcare Sciences				
Bachelor of Physiotherapy (BPhysio) [4 years]	4	4	4	30

For advice on a second-choice programme, please consult a Student Advisor. To make an appointment, send an email to carol.bosch@up.ac.za.

Selection is based on a candidates' final Grade 11 examination results. **Careers:** Physiotherapists, academics and researchers

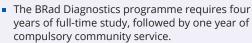
**Head of Department:** Prof Joyce Mothabeng | **Tel** +27 (0)12 356 3233 | **Email** joyce.mothabeng@up.ac.za **First-year coordinator:** Miss P Naidoo | **Tel** +27 (0)12 356 3234 | **Email** pooveshni.naidoo@up.ac.za **Email** healthapplications@up.ac.za

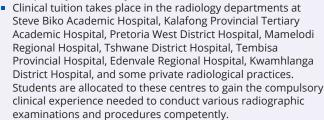
# **Bachelor of Radiography (Diagnostics) (BRad Diagnostics)**

Sixty (60) first-year students are selected annually.

- Only first-choice applicants are considered.
- Conditional selection is based on the final Grade 11 results of the two categories (Open and Designated Group) as indicated under Faculty-specific admission regulations on page 2 in this brochure.

#### What does the programme entail?





 Students will be expected to practice on public holidays and after hours on a rotational basis.

#### Who is the ideal candidate?

The personal characteristics of a radiographer include the genuine desire to help sick and injured patients. Self-discipline, accuracy and responsibility will assist the radiographer in dealing with any situation.

The ideal candidate must have the following characteristics:

- Good moral character
- Good interpersonal skills
- Able to make quick and responsible decisions
- Critical thinking (problem-solving) skills
- Pays attention to detail (remains focused)
- Demonstrates initiative
- Works well under stress
- Can accept and use constructive criticism

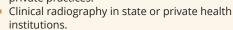
#### What makes this programme unique?

- Radiography is a healthcare science occupation dealing with medical diagnostic images.
- It is one of the rapidly growing occupations in modern healthcare.
- The degree involves learning about professional, technical and clinical aspects of radiography.
- Students follow an academic and work-integrated learning programme.
- Students rotate at different provincial hospitals and private practices to gain the compulsory clinical training.
- The programme meets the national legislative requirements of DHET, CHE and SAQA approval of minimum 480 credits qualification (NQF level 8).

- Candidates must comply with the minimum admission requirements.
- Candidates are also required to maintain their Grade 11 averages (in terms of which they were conditionally selected) in the final school examination and ensure that the APS does not drop by more than two points.

#### **Career opportunities**





 You can also take on the management, join academia, be a researcher, be an application specialist or open own private practice.

#### Postgraduate studies

Should you pursue postgraduate studies, you could consider a career in academia or research. For career progression in each category, there are opportunities to undertake master's and doctoral studies.

Categories of radiography offered at the University of Pretoria:

# Diagnostic radiography honours:

Diagnostic radiography honours is an in-depth study of some specialised aspects and imaging modalities.

#### Nuclear medicine:

Nuclear medicine
entails the administration
of a radiopharmaceutical
substance to a patient to
demonstrate the anatomy
and functioning
of organs.

Radiotherapy: Radiotherapy entails the use of high-energy radiation in the treatment of benign and malignant tumours.

# Diagnostic ultrasound at honours

level: Diagnostic ultrasound contributes to the early diagnosis and possible treatment of clinical conditions that affect different categories of patients.



# **Bachelor of Radiography (Diagnostics) (BRad Diagnostics) (continued)**

#### Which companies employ our graduates? The following organisations may employ qualified diagnostic radiographers: Suppliers of The South African National apparatus and Defence Force equipment Specialised units, such Educational as angiography, Private clinics Mining computer tomoinstitutions and and hospitals companies graphy, magnetic training bodies resonance and ultrasound units Private State radiology hospitals practices



'Why did I choose Radiography? Touching people's lives and causing a positive impact and wanting to learn more about the employment of radiation physics through technology, have always been my passions throughout my years of senior high school.

With extremely limited knowledge about Radiography, I chose to apply for it as I then believed it to be close to what I would probably want to do in my near future. But after attending my first radiographic sciences lecture and learning about different subfields of diagnostic radiography and their modalities, that was the moment I knew I belong here.

Clinical work has been a major contributing factor in subtending my passions and moulding me into a better professional I have always aspired to be. While I am being my all in everything is my everyday goal, as I believe being in a medical field to be a calling

trained, striving to put my all in everything is my everyday goal, as I believe being in a medical field to be a calling rather than a mere career.'

Mokgadi Makwala - Bachelor of Radiography (Diagnostics) (BRad Diagnostics)

#### Minimum admission requirements

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Programme	Minimum requirements for NSC and IEB for 2024				
	Achievement level				
	English Home Language or English First Additional Language	Mathematics	Physical Sciences	APS	
School of Healthcare Sciences					
Bachelor of Radiography (Diagnostics) (BRad Diagnostics) [4 years]	4	4	4	30	
For advice on a second-choice programme, please consult a Student Advisor. To make an appointment, send an email to carol.bosch@up.ac.za.					

Selection is based on a candidates' final Grade 11 examination results. **Careers:** Radiographers, academics and researchers

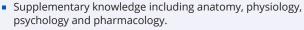
**Email** healthapplications@up.ac.za

# **Bachelor of Nursing Science (BNurs)**

The nursing profession equips students with skills that will help improve patients' health and enrich their lives. A considerable number of nursing graduates from the University of Pretoria occupy managerial positions in and outside South Africa.

#### What does the programme entail?







#### Who is the ideal candidate?

The ideal candidate for the Bachelor of Nursing Science (BNurs) programme is someone who is a caring and compassionate person with resilience and perseverance.





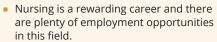
'While studying to become a registered professional nurse, I experienced different emotions and incredible moments. It has been a journey that has helped me find myself and my true identity, and to realise my full potential as an individual.

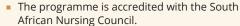
On my journey towards becoming a professional nurse, I experienced many hurdles, but remained motivated by thinking about the difference I would make and the positive influence I would be able to have in people's lives once I was qualified. The biggest positive motivator I had during my studies was the memory of my childhood dream to help those in need. Becoming a registered nurse and being able to join a unique and beautiful profession is a huge achievement for me. As a nurse you make an important positive contribution to a patient's recovery by being there for them during the rehabilitation process.

A nurse is a unique human being who welcomes new lives into the world and supports people during unfortunate days. The journey is not easy, but it is very rewarding. The lecturers and your fellow students support you and make the journey easier. I am very grateful to God for making this journey possible. I would also like to thank my lecturers for moulding me into the professional nurse I always desired to be, and my fellow students for their support.'

**Kamogelo Letswalo** – Fourth-year Bachelor of Nursing Science (BNurs) student and class representative

#### What makes this programme unique?

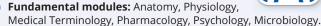






#### Structure of the programme

 Core modules: Nursing studies, Nursing practice education, Integrated health leadership





## **Bachelor of Nursing Science (BNurs)** (continued)





'After years of dreaming to become a medical practitioner, I eventually started my nursing journey in 2019. At the time I had no clear idea of what nursing entails, but today I am very grateful that I decided to make it my profession. My journey has never been easy, but it has been fantastic, and although I would be lying if I said there were never times when I felt that I wanted to leave it all behind me, I persevered and the experience has been exhilarating. I arrived at the University of Pretoria with no knowledge of the workings of a hospital and I was told that I needed to start clinical practice, in the first year, in a big hospital. I was excited about the idea and after my first few shifts, I realised how gratifying it was to render care and put a smile on someone's face.

My preparation for a career in nursing has been a beautiful journey during which I have been guided by very talented and highly skilled professional nurses who take pride in their work and who taught me how to work through adversities, and how to design individualised care for every patient. I have also realised that I am still learning a great deal about resilience from my fellow students and lecturers.

The nursing profession is not for the faint-hearted. It takes strength to guide someone to recovery, it takes resilience to nurse patients on their deathbeds, and it takes courage to fearlessly stand and say: "I will be with you every step of the way" and to care for someone else's loved one as if he or she were your own. Nursing was the right choice for me. I have grown and I have learnt a lot, and I am proud to say that I am a nurse.'

Sithembile Sikhosana – Fourth-year Bachelor of Nursing Science (BNurs) student House Nutrix Executive Committee: Chairperson (2021/22) Health House Executive Committee: Treasurer (2021/22)

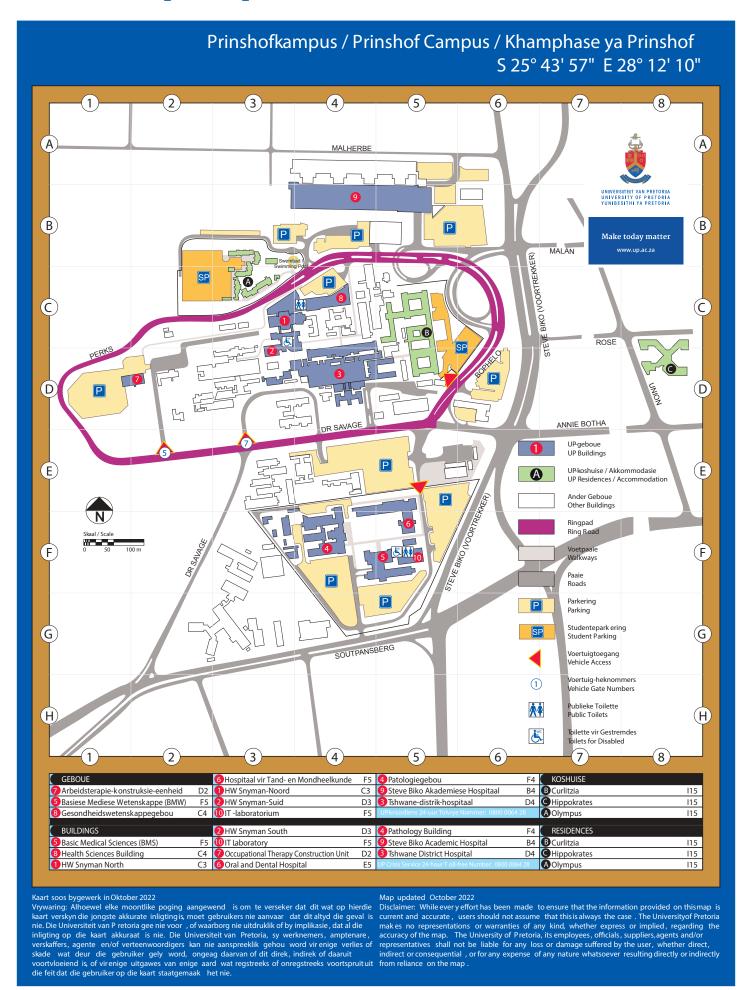
#### Minimum admission requirements

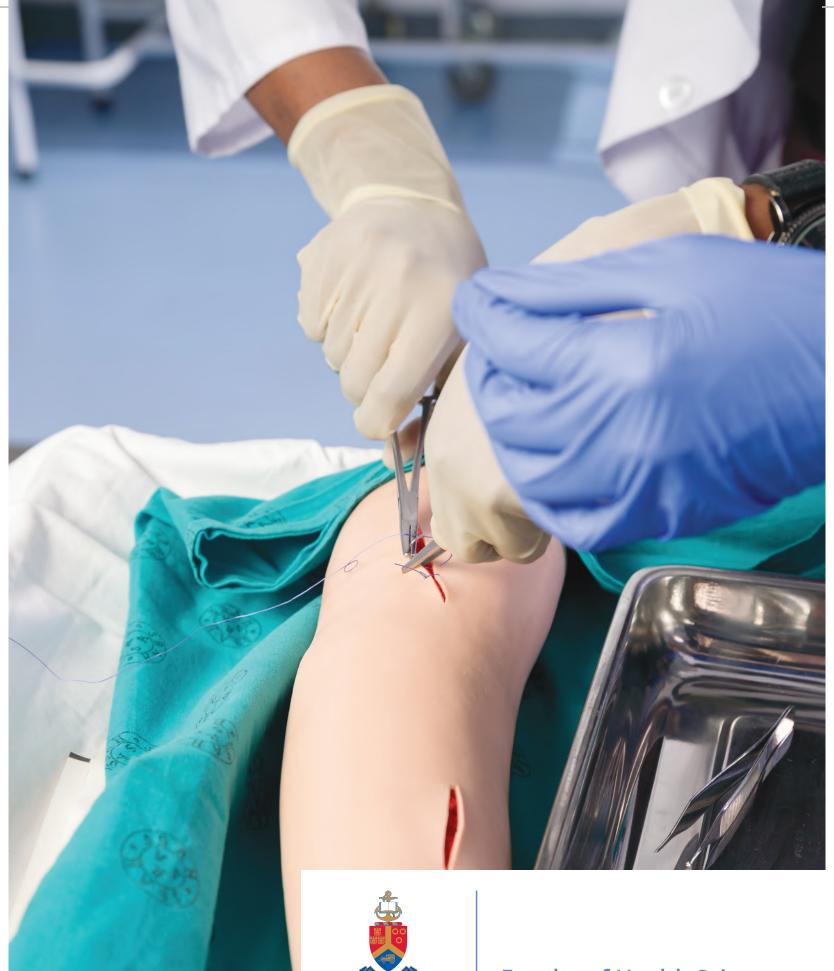
Programme	Minimum requirements for NSC and IEB for 2024			
	Achievement level			
	English Home Language or English First Additional Language	Mathematics	Life Sciences (not Physical Sciences)	APS
School of Healthcare Sciences				
Bachelor of Nursing Science (BNurs) [4 years]	4	4	4	28
For advice on a second-choice programme, please consult a Student Advisor. To make	an appointment, send an e	email to carol.bosch@up.ac	c.za.	

Selection is based on a candidates' final Grade 11 examination results.

Careers: General nursing and midwifery

# **Prinshof Campus map**







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# **Faculty of Health Sciences**

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