



UNIVERSITEIT VAN PRETORIA  
UNIVERSITY OF PRETORIA  
YUNIBESITHI YA PRETORIA

## Faculty of Health Sciences

Fakulteit Gesondheidswetenskappe  
Lefapha la Disaense tša Maphelo

[www.up.ac.za/health](http://www.up.ac.za/health)



**Note:** The minimum admission requirements reflected in this brochure are subject to changes in regulations relating to COVID-19. Amendments will reflect in the digital version of this brochure, which can be downloaded from [www.up.ac.za/programmes](http://www.up.ac.za/programmes) > Undergraduate > Faculty brochures.

# 2023

## UNDERGRADUATE FACULTY BROCHURE

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 31 000 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 2023 and hope you will enjoy the journey towards becoming a #LifeChanger.**



# Content



Message from the Dean .....	ii
Undergraduate programmes .....	1
Important information for all prospective students for 2023.....	1
Important faculty-specific information on undergraduate programmes for 2023 .....	1
General overview .....	4
School of Medicine .....	5
School of Dentistry .....	13
School of Healthcare Sciences .....	17

# Undergraduate programmes

## Important information for all prospective students for 2023

- The admission requirements and general information in this brochure apply to students who apply for admission to the University of Pretoria with a National Senior Certificate (NSC) and Independent Examination Board (IEB) qualifications.
- Applicants with qualifications other than the abovementioned should refer to:
  - **Brochure:** *Undergraduate Programme Information 2023: Qualifications other than the NSC and IEB*, available at [www.up.ac.za/programmes](http://www.up.ac.za/programmes) > Undergraduate > Admission information.
  - **Brochure:** *Newcomers Guide 2022*, available at [www.up.ac.za/programmes](http://www.up.ac.za/programmes) > Undergraduate > Admission information.
  - **Website:** [www.up.ac.za/international-cooperation-division](http://www.up.ac.za/international-cooperation-division).
- **School of Tomorrow (SOT) and Accelerated Christian Education (ACE):** The University of Pretoria no longer accepts qualifications awarded by these institutions.
- **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 university admission requirements, as well as 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 accompanied by their SAT/TOEFL/IELTS results.
- **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.

## Important faculty-specific information on undergraduate programmes for 2023

The closing date for all selection programmes is **30 June 2022**. The University of Pretoria has decided not to set a specific closing date for applications to non-selection programmes for 2023. Applications will close when the available study spaces are filled (**close on availability of space**). Once the available number of study places for a specific programme are filled, no further applications for that particular programme will be considered. All applicants are therefore strongly advised and encouraged to submit their applications as soon as possible after 1 April 2022 and to check the application site (UP Student Portal) regularly.

- The following persons will be considered for admission: a candidate who is in possession of a certificate that is deemed by the University to be equivalent to the required National Senior Certificate (NSC) with university endorsement; a candidate who is a graduate from another tertiary institution or has been granted the status of a graduate of such an institution; a candidate who is a graduate of another Faculty at the University of Pretoria; and a candidate who is currently studying at a university.
- Admission to Health Sciences programmes is subject to a selection process.
- Grade 11 final examination results will be used for the conditional selection of prospective students.
- For selection purposes, the sum of the results in six subjects, including English, Mathematics and Physical Sciences or Life Sciences if it is a requirement, is calculated.
- Life Orientation is excluded in the calculation of the Admission Point Score (APS).
- All modules will be presented in English, as English is the language of tuition, communication and correspondence at the University of Pretoria.
- In the Faculty of Health Sciences places are reserved in specific categories to promote diversity by ensuring an equitable representation of demographically defined designated groups.
- For purposes of selection, school leavers and candidates with university experience compete in two categories, namely the Open category and the Designated Group category.
  - The Designated Group category includes Black and Coloured South African applicants.
  - The Open category refers to all applicants, including those from the Designated Group who compete first in the Open category and then in the Designated Group category if unsuccessful in the Open category.
- Citizens from countries other than South Africa\* who come from countries that have medical schools will not be considered for placement in the MBChB programme, except where intergovernmental agreements are in place.
- **Candidates should note that their conditional admission will be revoked if their APS drops by more than two points in their final school examination results.**
- PLEASE NOTE that compliance with the minimum admission requirements does not guarantee admission to any programme in this Faculty.
- Selection queries may be directed to [healthapplications@up.ac.za](mailto:healthapplications@up.ac.za).
- 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.

\*Applicants who are not South African citizens



# Undergraduate programmes

University of Pretoria website

www.up.ac.za/health

Programmes	Minimum requirements for NSC and IEB for 2023			
	Achievement level			APS
	English Home Language or English First Additional Language	Mathematics	Physical Sciences	
School of Dentistry				
<b>Bachelor of Dental Surgery (BChD)</b> [5 years] <b>Closing date:</b> 30 June	5	6	5	35
The suggested second-choice programme is any BSc biological sciences programme. Refer to page 13 for more information.				
Selection is based on a candidates' final Grade 11 examination results.				
<b>Careers:</b> Dentists, specialists, academics and researchers				
<b>Bachelor of Oral Hygiene (BOH)</b> [3 years] <b>Closing date:</b> 30 June	4	4	4	25
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.				
<b>Career:</b> Oral hygienists				
School of Healthcare Sciences				
<b>Bachelor of Dietetics (BDietetics)</b> [4 years] <b>Closing date:</b> 30 June	4	5	5	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.				
<b>Career:</b> Dieticians				
<b>Bachelor of Nursing Science (BNurs)</b> [4 years] <b>Closing date:</b> 30 June	4	4	Life Sciences (not Physical Sciences)	28
			4	
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.				
<b>Careers:</b> General nursing and midwifery				
<b>Bachelor of Occupational Therapy (BOT)</b> [4 years] <b>Closing date:</b> 30 June	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.				
<b>Careers:</b> Occupational therapists, academics and researchers				
<b>Bachelor of Physiotherapy (BPhysio)</b> [4 years] <b>Closing date:</b> 30 June	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.				
<b>Careers:</b> Physiotherapists, academics and researchers				
<b>Bachelor of Radiography (Diagnostics) (BRad Diagnostics)</b> [4 years] <b>Closing date:</b> 30 June	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.				
<b>Careers:</b> Radiographers, academics and researchers				





## Undergraduate programmes

Programmes	Minimum requirements for NSC and IEB for 2023			
	Achievement level			APS
	English Home Language or English First Additional Language	Mathematics	Physical Sciences	
School of Medicine				
<b>Bachelor of Clinical Medical Practice (BCMP)</b> [3 years] <b>Closing date:</b> 30 June	4	4	Physical Sciences or Life Sciences	28
			4	
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.				
<b>Careers:</b> Clinical associates, academics and researchers				
<b>Bachelor of Medicine and Surgery (MBChB)</b> [6 years] <b>Closing date:</b> 30 June	5	6	5	35
The suggested second-choice programme is any BSc biological sciences programme. Refer to page 5 for more information. A limited number of spaces are available for selection after the first semester.				
Selection is based on a candidates' final Grade 11 examination results.				
<b>Careers:</b> General medical practitioners, specialists (after postgraduate training)				
<b>Bachelor of Sports Science (BSportSci)</b> [3 years] <b>Closing date:</b> 30 June	4	4	Physical Sciences or Life Sciences	30
			4	
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.				
<b>Careers:</b> This programme 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.				
<b>BSc (Nutrition)</b>	BSc (Nutrition) is an interfaculty degree programme, jointly presented by Food Science (Faculty of Natural and Agricultural Sciences) and Human Nutrition (Faculty of Health Sciences). For the admission requirements, please refer to the table in the Natural and Agricultural Sciences undergraduate faculty brochure.			
<b>BA (Audiology)</b>	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.			
<b>BA (Speech-Language Pathology)</b>				



## General overview



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 5 (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.



# School of Medicine

## 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 African 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?



To register as a medical practitioner, a student has to obtain an MBChB degree, followed by a two-year internship and one year of community service. In the medical profession, the health of a patient is of vital importance.

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.



# School of Medicine

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

### What makes this programme unique?

The University of Pretoria's internationally comparable, problem-oriented and outcomes-based 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 practice, teaching and research.

**Areas of specialisation:** Anaesthetist, Cardiologist, Clinical radiologist, General practice doctor, Hospital doctor, Neurologist, Ophthalmologist, Pathologist, Psychiatrist and Surgeon.



### Minimum admission requirements

Programme	Minimum requirements for NSC and IEB for 2023			
	Achievement level			APS
	English Home Language or English First Additional Language	Mathematics	Physical Sciences	
<b>School of Medicine</b>				
<b>Bachelor of Medicine and Surgery (MBChB)</b> [6 years] <b>Closing date:</b> 30 June	5	6	5	35

The suggested second-choice programme for MBChB is any BSc biological sciences programme. Refer to page 5 for more information. 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)

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

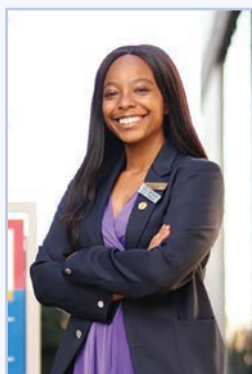






## School of Medicine

### 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 Tukkies 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 Tukkies.'

**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)**

# School of Medicine

## 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?

- The Bachelor of Clinical Medical Practice (BCMP) programme requires 3 years full time study.
- It involves practical, patient-oriented learning in the health service in four South African provinces.



### What makes this programme unique?

- BCMP is a unique programme due to early patient contact, and the practical training it provides in the health service.
- 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-served populations. Disciplined, hard-working students excel.



### Career opportunities

Clinical Associates work mostly in primary healthcare, in community healthcare programmes, clinics, private practices and hospitals.



### 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)

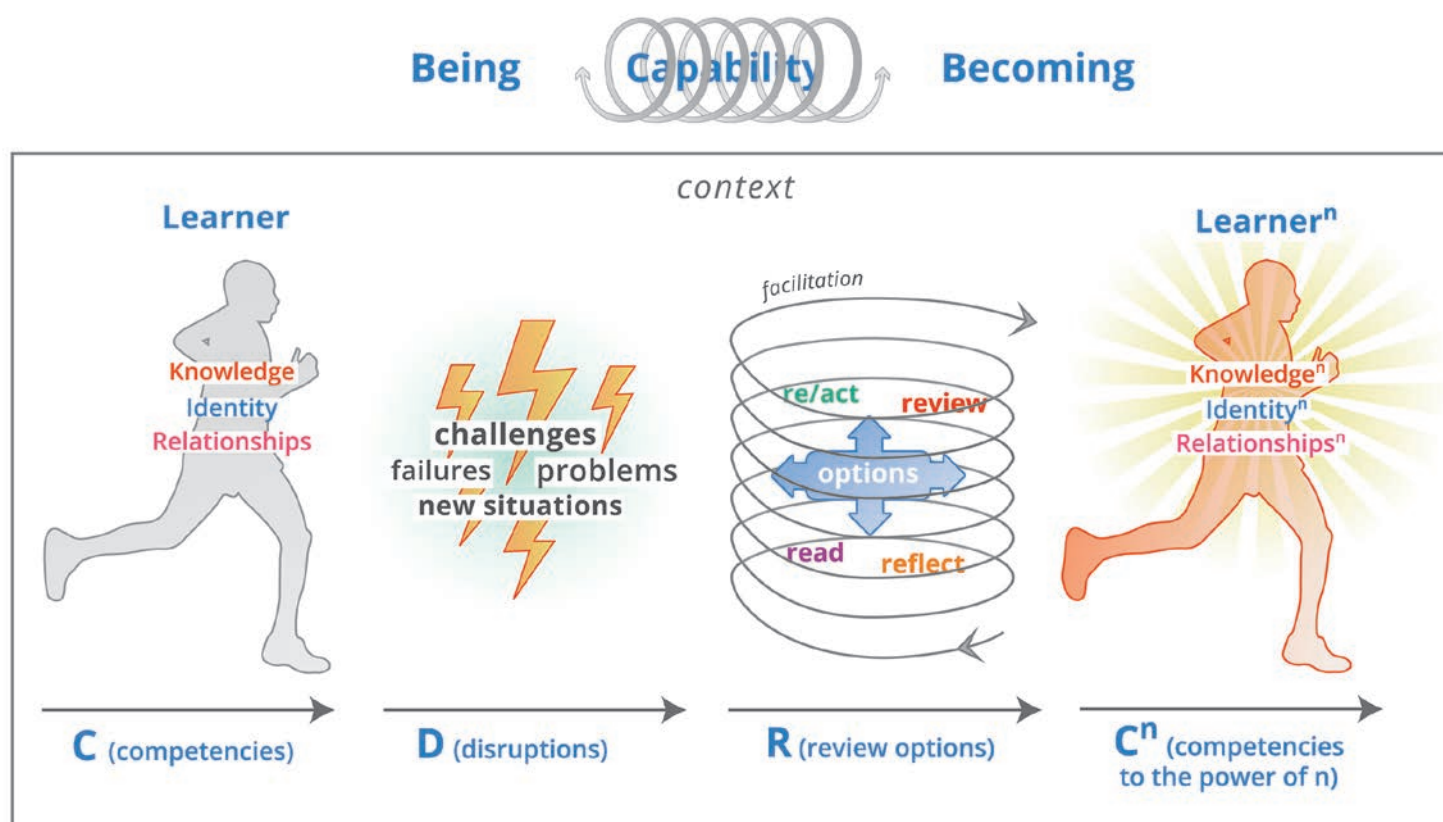
#### NGOs such as:

The Aurum Institute  
CHAPS  
Right to Care



# School of Medicine

## 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 hard-working. 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

Programme	Minimum requirements for NSC and IEB for 2023			
	Achievement level			APS
	English Home Language or English First Additional Language	Mathematics	Physical Sciences or Life Sciences	
<b>School of Medicine</b>				
<b>Bachelor of Clinical Medical Practice (BCMP)</b> [3 years] <b>Closing date:</b> 30 June	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](mailto: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

**Contact** Dr Murray Louw | **Email** [murray.louw@up.ac.za](mailto:murray.louw@up.ac.za) or [healthapplications@up.ac.za](mailto:healthapplications@up.ac.za)

# School of Medicine

## 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 are passionate about the science and application of human movement, health and wellness, and sport and exercise science.

### 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.

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.





# School of Medicine

## 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.



‘When I first started studying this degree, I wanted to teach people to think about exercise the way I saw it: as a celebration of what your body can do, and not something that should be used to punish yourself for overeating.

I am lucky to have been blessed with lecturers who cared so much about me and my success in this degree and enabled me to achieve this goal and so much more.

This degree, while challenging, has taught me so much more than I could ever have imagined and has enabled me to grow so much as a person. I am truly grateful that I chose to study Sports Science, and I am excited to pursue my career in the field of biokinetics.’

#### Faatimah Noormahomed

(Currently completing BScHons in Biokinetics after completing the three-year BSportSci degree in 2020).



‘Doing a degree in sports science at UP was one of the best decisions I have made. I have always been passionate about helping people achieve their best; exercise happens to be one of the easiest and most enjoyable ways to do that and still connect with

people. I thought I had to be an amazing all-star athlete to study a degree based on sports, but that is not the case at all.

The BSportSci degree showed me that the opportunities in the sporting world are limitless; there is so much more to it than just becoming a coach. I found it most interesting to learn about the effects of exercise on physiology and how much time, and effort actually goes into creating a training programme. All the lecturers are so supportive and willing to help, and the university in general, no student gets left behind.

The best part of it all? Having an entire campus dedicated to sports that we get to utilise on a daily basis. I have gained so much knowledge and grown as a person while I completed the degree; it was a fantastic experience that I will always look back on.’

#### Susanna Ama

(Currently completing BScHons in Sports Science after completing the three-year BSportSci degree in 2020).

## Minimum admission requirements

Programme	Minimum requirements for NSC and IEB for 2023			
	Achievement level			APS
	English Home Language or English First Additional Language	Mathematics	Physical Sciences or Life Sciences	
School of Medicine				
<b>Bachelor of Sports Science (BSportSci)</b> [3 years] <b>Closing date:</b> 30 June	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](mailto: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.

**Contact** Prof PS Wood | **Email** [paola.wood@up.ac.za](mailto:paola.wood@up.ac.za) or [healthapplications@up.ac.za](mailto:healthapplications@up.ac.za)

# School of Dentistry

## 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 Important faculty-specific information on undergraduate programmes for 2023 on page 1 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).

**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?

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.



### 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.

The programme focuses on developing clinical reasoning skills and so-called “soft skills”, including relational communication skills through case-based learning and role play.



### 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.



### 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.



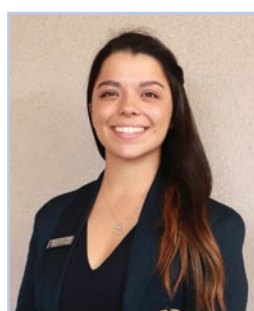


# School of Dentistry

## 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 people-centred 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

Programme	Minimum requirements for NSC and IEB for 2023			
	Achievement level			APS
	English Home Language or English First Additional Language	Mathematics	Physical Sciences	
<b>School of Dentistry</b>				
<b>Bachelor of Dental Surgery (BChD)</b> [5 years] <b>Closing date:</b> 30 June	5	6	5	35

The suggested second-choice programme is any BSc biological sciences programme. Refer to page 13 for more information.

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

**Careers:** Dentists, specialists, academics and researchers

# School of Dentistry

## 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)

### What makes this programme unique?



- The programme is accredited by the HPCSA.
- The students are trained at state-of-the-art facilities.
- Students are trained in first aid. They receive first aid certificates on completion of the training.
- Students are exposed to various departments to enhance clinical skills.





# School of Dentistry

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

### Career opportunities



‘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

Programme	Minimum requirements for NSC and IEB for 2023			
	Achievement level			APS
	English Home Language or English First Additional Language	Mathematics	Physical Sciences	
<b>School of Dentistry</b>				
<b>Bachelor of Oral Hygiene (BOH)</b> [3 years] <b>Closing date:</b> 30 June	4	4	4	25

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](mailto:carol.bosch@up.ac.za).

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

**Career:** Oral hygienists

**Email** [healthapplications@up.ac.za](mailto:healthapplications@up.ac.za)

# School of Healthcare Sciences

## 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

- Forty-five (45) 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 Important faculty-specific information on undergraduate programmes for 2023 on page 1 in this brochure.

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

Occupational therapists enable people of all ages with physical and mental impairment 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
- Exceptional people skills
- Caring, empathetic and sensitive nature
- Able to encourage others to develop their potential
- Creative and show initiative
- Problem solver
- Intellectual and practical aptitudes
- Strong self-esteem
- Well-balanced lifestyle
- Emotionally stable
- Physical strength
- Strong self-control
- Good sense of humour
- Can work both in a team and independently
- Good writing skills

### What makes this programme unique?



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



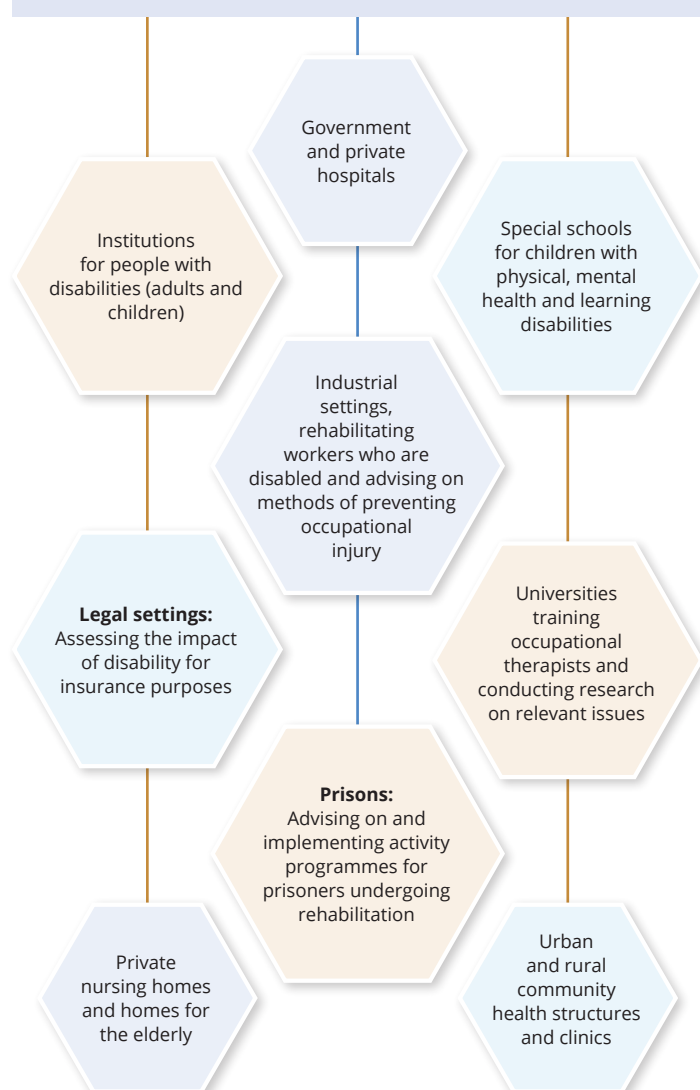


# School of Healthcare Sciences

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

### Career opportunities

Occupational therapists can work in the following areas:



‘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 40 students graduate from this programme annually.

### Minimum admission requirements

Programme	Minimum requirements for NSC and IEB for 2023			
	Achievement level			APS
	English Home Language or English First Additional Language	Mathematics	Physical Sciences	
School of Healthcare Sciences				
<b>Bachelor of Occupational Therapy (BOT)</b> [4 years] <b>Closing date:</b> 30 June	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.				
<b>Careers:</b> Occupational therapists, academics and researchers				

**Contact** Prof Kitty Uys | **Email** [boitumelo.kube@up.ac.za](mailto:boitumelo.kube@up.ac.za) or [healthapplications@up.ac.za](mailto:healthapplications@up.ac.za)

# School of Healthcare Sciences

## 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 broadly comprises the following three areas of specialisation within the scope of practice:

**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 diet 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. Should they not have access to those foods, they are trained to acquire the necessary nutrition, for example, by growing the right types of vegetables.

**The management of large-scale food service units**, where clients' nutritional needs are considered when planning regular and therapeutic diets of high quality. 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 cause, progress and management of diseases
- Nutrition education and counselling

### Who is the ideal candidate?

- Candidates who want to understand and use scientific methods in preventing diseases
- Candidates who enjoy empowering people through scientific knowledge



### What makes this programme unique?

This degree is internationally recognised. Graduates register with the Health Professions Council of South Africa (HPCSA).



### Which companies employ our graduates?

- Department of Health (DOH)
- Food manufacturers (eg Kellogg company)
- Pharmaceutical companies
- World Health Organization (WHO)
- World Food Program (WFP)
- UNICEF





# School of Healthcare Sciences

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

### Career opportunities

Hospital dietitian (clinical nutrition)

Nutrition consultant

Researcher

Communication in nutrition and health messages

Nutrition advocacy

Foodservice management

Breastfeeding consultant

Dietitian in private practice

Community dietitian

Sports nutrition consultant



‘If you do what you love, you’ll never work a day in your life’ — Marc Anthony

‘I can certainly relate to this quote from the last three years of working as a dietitian. There is something so beautiful about being a dietitian in that we can work with any person in the world. We all need to eat, and we all need to look after our health. What we eat plays a massive role in that. From working in the community, working in hospitals and working in my private practice currently, it has been a wonderful experience to see the impact we as dietitians make.

I really enjoy my work because every person I work with is different as we need to look at their specific situation, needs, and goals. From breastfeeding, medical nutrition therapy in hospitals, weight management, eating disorders, food allergies, gut health issues, cardiovascular disease, and sports nutrition—I love it all!

I had a phenomenal four years studying dietetics at UP. If you love people and nutrition and can see how it can change the world one bite at a time, then dietetics may just be for you.’

**Jason van Heerden – Bachelor of Dietetics (BDietetics)**

### Minimum admission requirements

Programme	Minimum requirements for NSC and IEB for 2023			
	Achievement level			APS
	English Home Language or English First Additional Language	Mathematics	Physical Sciences	
<b>School of Healthcare Sciences</b>				
<b>Bachelor of Dietetics (BDietetics)</b> [4 years] <b>Closing date:</b> 30 June	4	5	5	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](mailto:carol.bosch@up.ac.za).

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

**Career:** Dietitians

**Email** [healthapplications@up.ac.za](mailto:healthapplications@up.ac.za)

# School of Healthcare Sciences

## 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.

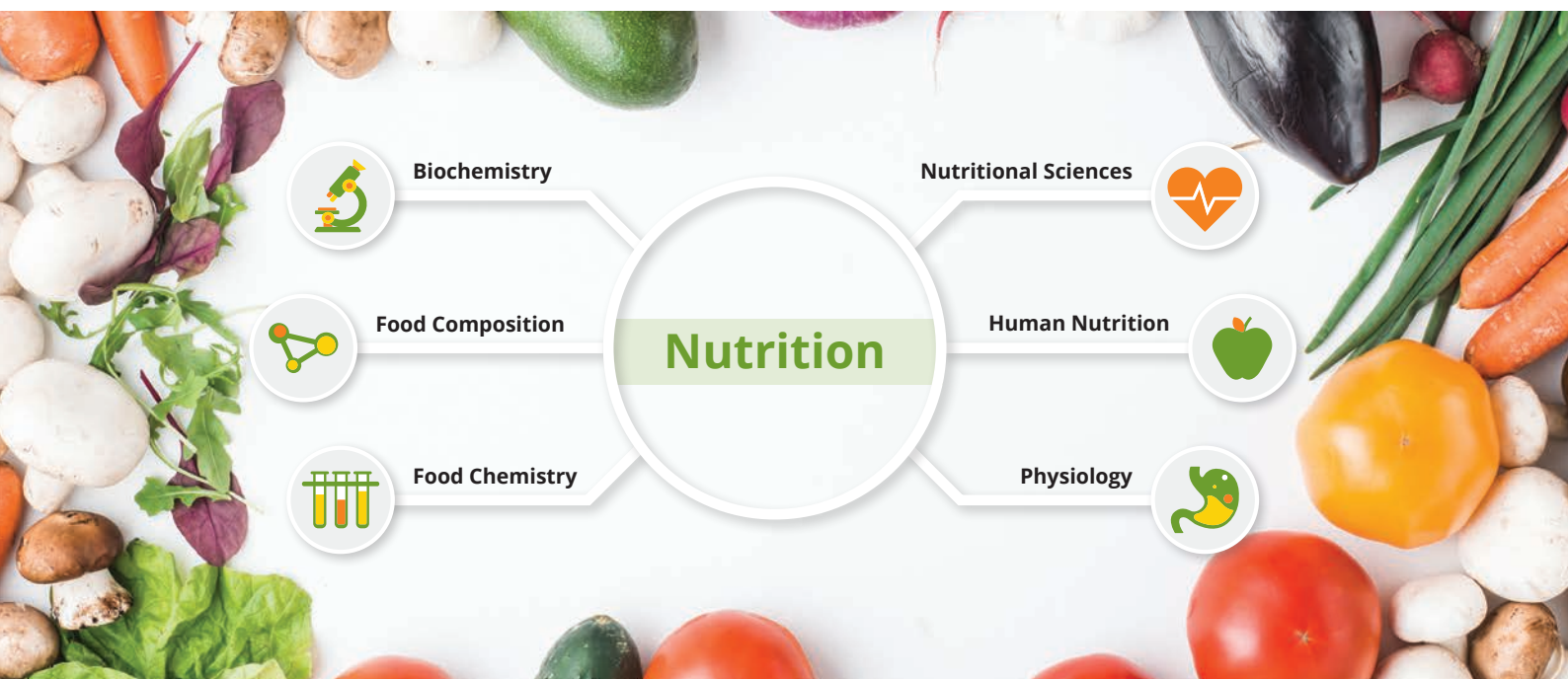
Students are provided with ample opportunities to gain career exposure through practical training sessions and participation in competitions and mentorship programmes. They are also actively involved in the Nutrition Society of South Africa. Students organise activities through the student body TUKSFoST.

### 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

Programme	Minimum requirements for NSC and IEB for 2023			
	Achievement level			APS
	English Home Language or English First Additional Language	Mathematics	Physical Sciences	
<b>BSc (Nutrition)</b> [4 years] <b>Close on availability of space:</b> As soon as the number of places available for this programme are filled, it will be closed for further applications. 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).	5	5	5	32

**Email** consumer.food@up.ac.za







# School of Healthcare Sciences

## Bachelor of Physiotherapy (BPhysio)

Physiotherapy is a complementary 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 Important faculty-specific information on undergraduate programmes for 2023 on page 1 in this brochure.
- Candidates must also comply with the minimum admission requirements provided on page 2.
- 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 person who enjoys working with the sick, elderly and young will succeed in this career.

BPhysio enables the student to specialise in a particular area or work in all facets of the profession.

### 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.



# School of Healthcare Sciences

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

### Career opportunities

Employment opportunities for physiotherapists are available in hospitals, schools for children with special needs, mining clinics, industrial clinics and hospitals.



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.



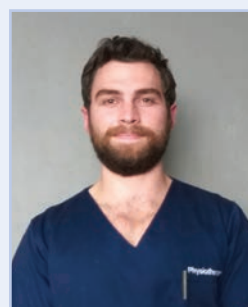
‘Choosing to study at UP has been one of the best academic decisions I’ve ever made. The combination of theoretical and practical experience I have gained over the last two and a half years has built my confidence and reassured my love for my profession.’

I always knew that I wanted to study physiotherapy, but it was only once I started that I really knew that I belong here. The integration of social life and academic life made possible by the Department of Physiotherapy has made this first ride one I will not forget!’

**Kamohelo S Ratsomo – 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.



‘When I started studying at the University of Pretoria, I honestly did not know what to expect. I was going to study at a large, well known and highly rated university. On arrival, I did not know anyone—it was very intimidating, to say the least. But when I started,

I quickly realised how inviting everyone was. Even when meeting and chatting with students and lecturers on campus, there was a good chance you would leave as friends and have the opportunity to connect outside of lectures.

Throughout the four years of the degree, I made some very close friends and got to know my whole class, with each person bringing something different and inspiring with them.

Studying physiotherapy allowed me to grow into the confident person I am today—it started as an intimidating beginning, but now, thanks to my lecturers and peers, UP has become a second home with a fantastic physio family to boot.’

**Alex des Tombe – Bachelor of Physiotherapy (BPhysio)**

### Minimum admission requirements

Programme	Minimum requirements for NSC and IEB for 2023			
	Achievement level			APS
	English Home Language or English First Additional Language	Mathematics	Physical Sciences	
<b>School of Healthcare Sciences</b>				
<b>Bachelor of Physiotherapy (BPhysio)</b> [4 years] <b>Closing date:</b> 30 June	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.				
<b>Careers:</b> 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

# School of Healthcare Sciences

## Bachelor of Radiography (Diagnostics) (B Rad 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 Important faculty-specific information on undergraduate programmes for 2023 on page 1 in this brochure.

### What does the programme entail?



- The B Rad Diagnostics programme requires four years of full-time study, followed by one year of compulsory community service.
- Clinical tuition takes place in the radiology departments at Steve Biko Academic Hospital, Kalafong Provincial Tertiary Academic Hospital, Pretoria West District Hospital, Mamelodi Regional Hospital, Tshwane District Hospital, and some private radiological practices. Students are allocated to these centres to gain the compulsory clinical experience needed to conduct various radiographic examinations and procedures competently.
- 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 the 502-credit qualification (NQF Level 08).

Candidates must also comply with the minimum admission requirements provided in the table below and 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.

### Career opportunities



- Radiographers, managerial posts, or establish private practices.
- 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.

### 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 of radiography.

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

**Nuclear medicine:** Nuclear medicine entails the administration of a radiopharmaceutical substance to a patient to demonstrate the anatomy and functioning of organs and the physiology of certain diseases.

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



# School of Healthcare Sciences

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

### Which companies employ our graduates?

Radiographers in all categories may also occupy managerial posts or establish their private practices. 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 masters and doctoral studies. The following organisations may employ qualified diagnostic radiographers:



'I have always known that my purpose in life is to help people; I just didn't know how. I found out about the Bachelor of Radiography (Diagnostics) degree when I was in Grade 12, during a career day at my high school. I later did some research on it, and it captured my heart.'

I am now in my final year, and wow—what a journey it has been! I have learnt and grown so much. It wasn't easy in the beginning. During my first clinical placement, I was exposed to the hospital environment and worked directly with patients with a unique story to tell. Now my clinical placements are the part I enjoy most of this programme because I get to practice my purpose and passion.

The Bachelor of Radiography (Diagnostics) degree will make you emotionally strong. It requires you to work with your hands, handle complicated machinery and function well in a team. With whatever path you choose, I advise that you do your research first, but ultimately, if you want to be happy, follow your heart.'

**Neo Mojela – Bachelor of Radiography (Diagnostics) (BRad Diagnostics)**

### Minimum admission requirements

Programme	Minimum requirements for NSC and IEB for 2023			
	Achievement level			APS
	English Home Language or English First Additional Language	Mathematics	Physical Sciences	
School of Healthcare Sciences				
<b>Bachelor of Radiography (Diagnostics) (BRad Diagnostics)</b> [4 years] <b>Closing date:</b> 30 June	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](mailto: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](mailto:healthapplications@up.ac.za)

# School of Healthcare Sciences

## 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?

- Theoretical and clinical general nursing and midwifery training. Integrated health leadership education in an interdisciplinary context.
- Supplementary knowledge including anatomy, physiology, psychology and pharmacology.



### What makes this programme unique?

- Nursing is a rewarding career and there are plenty of employment opportunities in this field.
- The programme is accredited with the South African Nursing Council.



### 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.



### Structure of the programme

- **Core modules:** Nursing studies, Nursing practice education, Integrated health leadership
- **Fundamental modules:** Anatomy, Physiology, Medical Terminology, Pharmacology, Psychology, Microbiology.



### Career opportunities

Healthcare management

Community health nursing

Nursing education

Mental health nursing

Intensive care and emergency nursing

Forensic nursing

Paediatric and neonatal nursing

Theatre nursing





# School of Healthcare Sciences

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

### Which companies employ our graduates?



'My nursing journey has been incredible! Yes, there were moments where I was ready to quit, but I managed not to let them destroy my love for this career. Instead, I allowed challenging moments to help me become a better version of myself as a nurse.'

The first year was daunting theoretically and practically. I felt overwhelmed. We were expected to know about the human body and mind. During practicals, I saw other students working quickly and with confidence I did not feel. I questioned everything before doing it. Eventually, I adapted to the new environment and met the responsibilities; then, I started getting the hang of nursing. Since then, I have enjoyed the programme very much.

Nursing is a demanding career choice. I have learnt to do my best but to not be too harsh on myself. I have to remind myself that I'm still a student. I am still learning, and I have the opportunity of developing my skills under excellent supervision. I am keen to learn from my colleagues, mentors and patients. There is always that one case that you get in the hospital or clinic that will make one feel lost, however with the right support from the lecturers and one's colleagues, you'll be able to find your feet again.

For me, nursing is like an arranged marriage: you fall in love with the husband along the way. I was delighted to be admitted, but at that point, I was both unsure and curious about what the profession would be about. By the end of the first semester, I was madly in love with nursing as a profession.

Due to COVID-19, we had to study online. This has affected us as students. Fortunately, with the support of our lecturers and tutors, I made it to my final year. I'm grateful for the growth I have experienced and everything I have learned. I feel equipped for community service and ready to be an even better version of myself from here on.'

**Nomfundo Magagula – (Fourth-year BNurs student)**

### Minimum admission requirements

Programme	Minimum requirements for NSC and IEB for 2023			
	Achievement level			APS
	English Home Language or English First Additional Language	Mathematics	Life Sciences	
School of Healthcare Sciences				
<b>Bachelor of Nursing Science (BNurs)</b> [4 years] <b>Closing date:</b> 30 June	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](mailto:carol.bosch@up.ac.za).

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

**Careers:** General nursing and midwifery



**University of Pretoria**

Private Bag X20, Hatfield, 0028, South Africa

Tel +27 (0)12 420 3111

[www.up.ac.za](http://www.up.ac.za)



UNIVERSITEIT VAN PRETORIA  
UNIVERSITY OF PRETORIA  
YUNIBESITHI YA PRETORIA