
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. With its more than 600 full- and part-time lecturers, researchers and clinical practitioners who are dedicated role models the Faculty aims to inspire students to become #LifeChangers.

Prof Tiaan de Jager
Dean: Faculty of Health Sciences



To date more than 30 000 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 2022 and hope you will enjoy the journey towards becoming a #LifeChanger.

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Comments and queries can be directed to ssc@up.ac.za or tel: +27 (0)12 420 3111.

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Undergraduate programmes

Important information for all prospective students for 2022

- 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 2022: Qualifications other than the NSC and IEB*, available at www.up.ac.za/programmes > Admission information.
 - **Brochure:** *Newcomers Guide 2021*, available at www.up.ac.za/programmes > Admission information.
 - **Website:** www.up.ac.za/international-cooperation-division.
- School of Tomorrow (SOT), Accelerated Christian Education (ACE) and General Education Diploma (GED):** The University of Pretoria no longer accepts qualifications awarded by these institutions.
- 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 2022

- 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, 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.
- 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.
- 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.

University of Pretoria website

www.up.ac.za/health

Programmes	Minimum requirements for NSC and IEB for 2022			
	Achievement level			APS
	English Home Language or English First Additional Language	Mathematics	Physical Sciences	
School of Dentistry				
Bachelor of Dental Surgery (BChD) [5 years] Closing date: SA – 31 July, Non-SA – 31 July	5	6	5	35
Selection is based on a candidates' final Grade 11 examination results. Careers: Dentists, specialists, academics and researchers The suggested second-choice programme is BSc (Biological Sciences).				
Bachelor of Oral Hygiene (BOH) [3 years] Closing date: SA – 31 July, Non-SA – 31 July	4	4	4	25
Selection is based on a candidates' final Grade 11 examination results. Career: Oral hygienists				
For advice on a second-choice programme, please consult a Student Advisor at +27 (0)12 420 5144.				

*Applicants who are not South African citizens

Undergraduate programmes

Programmes	Minimum requirements for NSC and IEB for 2022			
	Achievement level			APS
	English Home Language or English First Additional Language	Mathematics	Physical Sciences	
School of Healthcare Sciences				
Bachelor of Dietetics (BDietetics) [4 years] Closing date: SA – 31 July, Non-SA – 31 July	4	5	5	28
Selection is based on a candidates' final Grade 11 examination results. Career: Dieticians				
For advice on a second-choice programme, please consult a Student Advisor at +27 (0)12 420 5144.				
Bachelor of Nursing Science (BNurs) [4 years] Closing date: SA – 31 July, Non-SA – 31 July	4	4	Life Sciences (not Physical Sciences) 4	28
Selection is based on a candidates' final Grade 11 examination results. Careers: General nursing and midwifery				
For advice on a second-choice programme, please consult a Student Advisor at +27 (0)12 420 5144.				
Bachelor of Occupational Therapy (BOT) [4 years] Closing date: SA – 31 July, Non-SA – 31 July	4	4	4	30
Selection is based on a candidates' final Grade 11 examination results. Careers: Occupational therapists, academics and researchers				
For advice on a second-choice programme, please consult a Student Advisor at +27 (0)12 420 5144.				
Bachelor of Physiotherapy (BPhysio) [4 years] Closing date: SA – 31 July, Non-SA – 31 July	4	4	4	30
Selection is based on a candidates' final Grade 11 examination results. Careers: Physiotherapists, academics and researchers				
For advice on a second-choice programme, please consult a Student Advisor at +27 (0)12 420 5144.				
Bachelor of Radiography (Diagnostics) (BRad Diagnostics) [4 years] Closing date: SA – 31 July, Non-SA – 31 July	4	4	4	30
Selection is based on a candidates' final Grade 11 examination results. Careers: Radiographers, academics and researchers				
For advice on a second-choice programme, please consult a Student Advisor at +27 (0)12 420 5144.				
School of Medicine				
Bachelor of Clinical Medical Practice (BCMP) [3 years] Closing date: SA – 31 July, Non-SA – 31 July	4	4	Physical Sciences or Life Sciences 4	28
Selection is based on a candidates' final Grade 11 examination results and the Biographical Information Form. Careers: Clinical associates, academics and researchers				
For advice on a second-choice programme, please consult a Student Advisor at +27 (0)12 420 5144.				
Bachelor of Medicine and Surgery (MBChB) [6 years] Closing date: SA – 31 July, Non-SA – 31 July	5	6	5	35
Selection is based on a candidates' final Grade 11 examination results. Careers: General medical practitioners, specialists (after postgraduate training)				
The suggested second-choice programme for MBChB is BSc (Biological Sciences). A limited number of spaces are available for selection after the first semester.				
Bachelor of Sports Science (BSportSci) [3 years] Closing date: SA – 31 July, Non-SA – 31 July	4	4	Physical Sciences or Life Sciences 4	30
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.				
For advice on a second-choice programme, please consult a Student Advisor at +27 (0)12 420 5144.				
BSc (Nutrition)	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.			
BA (Audiology)	BA (Audiology) and BA (Speech-Language Pathology) reside in the Faculty of Humanities. For the admission requirements, please refer to the table in the Faculty of Humanities undergraduate brochure.			
BA (Speech-Language Pathology)	BA (Audiology) and BA (Speech-Language Pathology) reside in the Faculty of Humanities. For the admission requirements, please refer to the table in the Faculty of Humanities undergraduate brochure.			

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 Science, 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.



‘Medicine is the ultimate form of Ubuntu. It is, foundationally, a calling of service and yet simultaneously blesses the server in the process. I believe that we were not put on this earth to live selfishly. In addition to the responsibility to care for others, this is a profession that has blessed us with the ability to create immediate, intimate and meaningful bonds with other human beings. That is a precious privilege – to give back in such an impactful way. I believe the sense of value given to all medical doctors is succinctly described by Charles Dickens: “No one is useless in the world who lightens the burdens of others”. I look forward to living up to this calling.’ **Connie Kirunda (second-year MBChB student)**



‘I’ve wanted to become a doctor since I was 5 years old and it has been such an exciting journey working towards that dream at Tuks. Standing where I am today, I cannot believe that I am almost there. It would have been impossible without my supporting class mates, amazing and talented teachers and the loads of clinical experience. The road to becoming a doctor is hard work, yet through the opportunities the University of Pretoria have afforded me, I have grown so much in my leadership skills, patience in working with people and learning to live a balanced life. I love people, learning new things and I believe that all I have is by grace.’ **Minette Boshoff (fifth-year MBChB student)**

School of Medicine

Bachelor of Medicine and Surgery (MBChB)

To be allowed 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 with the aim of restoring 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 important responsibility of medical doctors.

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.

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.

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 comply with the minimum admission requirements, as indicated on page 2.
- Candidates are required to 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) as indicated under **Important faculty-specific information on undergraduate programmes for 2022**, and any places that become vacant are filled from the waiting list.

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 BSc (Biological Sciences) 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 mid-year intake. Admission is subject to a selection process and complying with the requirements does not guarantee admission.

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-centered and where 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.
- **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 the reason for undergraduate and postgraduate student training in a research environment, which promotes an enquiry-based approach to learning and skills for carrying out research.

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). Thereafter, they may practise as general practitioners (medical doctors) in hospitals or in private general practice, carry out research, and/or teach undergraduates. 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.

Contact information

Email healthapplications@up.ac.za

Student contributions



‘Doing BCMP is the most challenging and yet still amazing experience of my life. It is an interesting course to do because we are doing more practical things than theory. We get to be exposed to clinical work at an early stage, as soon as in first year. This has been the most wonderful thing because you actually get to know and understand patients at an early stage. Anyone who wishes to be a Clinician can do this course, and of course if you meet the minimum requirements. It also requires hard work and lots of dedication.’

Ntokozo Khumalo (second-year BCMP student)



‘Studying the BSportSci degree at UP has been both a challenging and rewarding experience, that I would exchange for nothing. I have learnt so much about myself and have developed an even deeper love and respect for exercise and all

it can be used for. All my lecturers are open and accommodating and have gone above and beyond to support me and guide me through my studies. I feel fully equipped and excited to pursue my career as a Biokineticist.’

**Bianca Coetzee
(BSportSci student)**



‘Sports science has always been a subject that I have been interested in. Its components of biology and sports are two areas I love. When I enrolled for the BSportSci degree, I expected to learn more about these two subject areas, but my expectations were exceeded. Studying the BSportSci degree at the University of Pretoria gave me an understanding of the complex nature of exercise science and athlete training.

The degree offered me a number of opportunities to get hands on practical experience. Although my undergraduate studies were not easy, they were very rewarding. The lecturers in the department are dedicated to helping you succeed. They genuinely love teaching and are so knowledgeable in their craft.

My knowledge and understanding for exercise and sports science has grown from strength to strength, from my first to third year of study. My studies in Sports Science, so far, has been an experience that has made me hungry to know and learn more, so that I can make my mark on this continent within this field.’

Limbikani Seyani (third-year BSportSci student)

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. Clinical associates can work as members of the healthcare team in district healthcare services.

To register as a clinical associate with the Health Professions Council of South Africa (HPCSA), a student has to obtain a Bachelor of Clinical Medical Practice degree.

Selection

- **Seventy (70) first-year students are selected annually.**
- First- and second-choice applicants are considered.

Selection is based on academic merit, equitable representation by province and the Biographical Information Form of the two categories (Open and Designated Group) as indicated under **Important faculty-specific information on undergraduate programmes for 2022**. Candidates must also comply with the minimum admission requirements, as indicated on page 2.

Duration of the programme

The Bachelor of Clinical Medical Practice degree is a three-year, full-time programme and has a strong focus on service delivery. The training is practical and patient-oriented and can be summarised as follows:

- **Year 1:** Theoretical, practical and clinical training takes place mostly at the Prinshof Campus. The focus is on basic investigative studies, obtaining patients' medical histories and mastering physical examination techniques. Students are placed in various hospitals in Gauteng.
- **Years 2 and 3:** Clinical practicals are offered in various hospitals in Gauteng, Limpopo, KwaZulu-Natal and Mpumalanga. Clinical skills are gained through service learning in hospitals and clinics and in community contexts.

Career opportunities

Clinical associates can work as members of healthcare teams in district healthcare services. Employment opportunities include public healthcare institutions, non-governmental organisations and the South African Military Health Service (SAMHS).

Further studies and research can also be pursued and could open up employment opportunities in healthcare services and institutions of higher learning.

Contact information

Email healthapplications@up.ac.za

Bachelor of Sports Science (BSportSci)

The three-year, full-time BSportSci programme includes basic and applied sciences focused on the human body and human movement. The programme provides a pathway towards a BScHons in Biokinetics or Sports Science.

Selection

- **One hundred (100) first-year students are selected annually.**
- First- and second-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 2022**.
- Candidates must also comply with the minimum admission requirements provided on page 2. Furthermore, candidates have to maintain their Grade 11 averages (in terms of which they were conditionally selected) in the final school examination and must ensure that the APS does not drop by more than two points.

Description of the programme

BSportSci is a full-time, three-year degree programme, and the curriculum is problem-based and student-oriented with vertical and horizontal integration of subjects. The programme exposes students to the practical application of the theoretical knowledge gained early on in the programme.

The primary focus of the BSportSci curriculum is to prepare students to work competently in the health, wellness and sporting environment. It also serves to prepare students who want to continue with the BScHons programme in Sports Science or Biokinetics.

Career opportunities

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 would like to pursue careers as sports scientists or biokineticists.

Sports scientists can work as strength and conditioning specialists for both team and individual athletes, as sports managers or as 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 and exercise scientists or gymnasium managers/owners. Students who pursue further postgraduate studies could also consider careers in academia or in research.

Contact information

Email 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. Our graduates make decisive contributions to the practice of dentistry, health management, statutory councils and academic training. 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.

Dentistry offers a variety of challenges and stimulating opportunities. With the exclusive aim of rendering high-quality oral healthcare to the patient, the dentist cooperates with various role players in the healthcare workers team. The total health of the individual forms the basis of the training of each dentist. Dentists should be academically driven and dextrous. Since dentists work with people all the time, they must have good interpersonal relationship skills, a spontaneous nature and lots of patience. Above all, they should have excellent communication skills, a sense of responsibility and the ability to tackle challenges.

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 2022.**
- Candidates must also comply with the minimum admission requirements provided on page 1.
- 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 abovementioned categories.

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 BSc (Biological Sciences) 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 mid-year intake. Admission is subject to a selection process and complying with the requirements does not guarantee admission.

Description of the programme

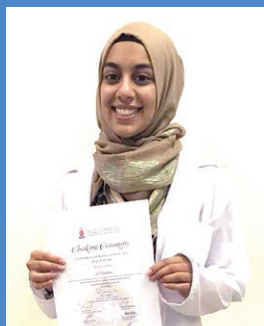
In order to keep pace with the requirements of modern tertiary education, the School of Dentistry follows a curriculum that is problem-based, student-oriented and directed at the community, with vertical and horizontal integration of subjects. The degree in dentistry requires five years of full-time study, followed by one year of compulsory community service. Students get first-hand exposure to pre-clinical dentistry from the second semester of the first year of study.

Career opportunities

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

Contact information

Email healthapplications@up.ac.za



‘I walked into the Oral and Dental School as a first-generation university student, bright eyed and bushy tailed with a definite dose of “fear of the unknown”. My experience here has left me with an appreciation for our cultural diversity and a better understanding of who I am. The lessons that I have learnt extend beyond filling teeth. Here I have learnt the importance of cultivating a strong work ethic, of having a sense of gratitude and of being confident enough to fill a room with your presence. These gems that I have gained have become the passport to my future.’

Shazia Ebrahim (second-year BChD student)



‘Being a UP dental student is very challenging but nothing short of amazing. The environment is academically stimulating and every challenge I conquer builds more to my confidence. I believe my passion, hard work and the UP support system has helped me to develop my full potential as a professional and it will help me in my future endeavours.’

Donald Malefahlo (second-year BChD student)

School of Dentistry

Bachelor of Oral Hygiene (BOH)

This is a three-year degree programme during which students receive training in basic medical and dental subjects. Theory and practice are integrated from the first year of study. The second half of the first year is dedicated to training in the pre-clinical training ward. Thereafter, from the second year, students treat patients in the well-equipped Oral and Dental Hospital. The work includes the education of patients, oral hygiene instruction, polishing and scaling of teeth, fluoride application and the application of fissure-sealing agents to teeth. It furthermore includes placement of certain restorations and administering of local anaesthesia.

Oral hygiene entails the maintenance and care of the teeth and gums. The oral hygienist plays an important role in the evaluation, planning, prevention and treatment of diseases of the oral cavity and renders a preventative, educational and therapeutic service to each patient and to the community. In addition to their role as students, aspirant oral hygienists have a variety of other tasks to perform. These include participation in community projects, visits to nursery and special need schools for oral care maintenance. Community service includes visits to the Steve Biko Academic Hospital's children's oncology ward and the Phelophepa Health Train from which a dental service is rendered to the community.

Oral hygiene is an excellent career choice, especially for those who wish to organise their working days according to their own needs. It is a challenging occupation with a high degree of job satisfaction, security and a good income. Oral hygienists play a very important role in modern society. They are trained to inform people about maintaining good oral hygiene. A large part of their daily activities is dedicated to carrying out preventative treatment procedures.

Since oral hygienists deal with people all the time, they must have good interpersonal relationship skills, a spontaneous nature and lots of patience. Above all, they should have excellent communication skills, a sense of responsibility and the ability to tackle challenges.

Selection

- **Twenty-five (25) 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 2022.**
- Candidates must also comply with the minimum admission requirements provided on page 1.
- Furthermore, candidates are required to maintain their Grade 11 averages (in terms of which they are conditionally selected) in the final school examination and ensure that the APS does not drop by more than two points.

Career opportunities

An oral hygienist may be employed in a general dental practice. Oral hygienists are also increasingly employed by specialists such as orthodontists, periodontists, prosthodontists; and maxillofacial and oral surgeons. Further employment possibilities exist with organisations such as the South African National Defence Force and elsewhere in the public service. Other employers include municipal clinics and healthcare organisations. Individuals who are interested in academic careers may join tertiary education institutions as lecturers. Oral hygienists are also allowed to work independently and open their own practices.

Contact information

Email healthapplications@up.ac.za





School of Healthcare Sciences

Bachelor of Occupational Therapy (BOT)

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 enable them to function independently/optimally in their occupations and in specific contexts.

People with loss of function as a result of disability and societal barriers are assisted by modifying their occupations or the environment so that they can maintain their independence.

Occupational therapy is a stimulating 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.

- **Curriculum:** The curriculum is an integration of human and natural sciences, which enables therapists to assist those whose functioning has been affected by developmental delays, neglect, disease, trauma, accidents or ageing.
- **Learning programme:** The BOT programme requires four years of full-time study, and is designed to facilitate active participation. Throughout the four years, students do clinical fieldwork at various hospitals, clinics, other institutions and in the community setting.
- **Research:** At the undergraduate level, students are introduced to research activities under the guidance of staff members. Postgraduate students conduct research on the process and standards of interventions; the development of valid and reliable measurement tools; and the establishment of effective outcomes for interventions.

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.

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 2022.**
- Candidates must comply with the minimum admission requirements provided on page 2.
- Candidates are 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

Both students and qualified occupational therapists are registered with the Health Professions Council of South Africa (HPCSA). The Professional Board for Occupational Therapy, Medical Orthotics/Prosthetics and Arts Therapy regulates the training and work-performance standards.

Occupational therapists can be employed in various institutions, such as hospitals (including psychiatric hospitals), schools, homes for the aged, welfare organisations, municipal clinics, mines and community organisations. Further employment opportunities exist in the private sector, including insurance companies and private practices.

Contact information

Email healthapplications@up.ac.za

School of Healthcare Sciences

Bachelor of Dietetics (BDietetics)

Dietetics is a discipline committed to the maintenance and improvement of health through good nutrition and is based on biological science, physical health science, communication science and management science. Dietitians specialise in human nutrition and provide advice on the nutrition of healthy and ill individuals in the public and private sectors by using appropriate standards of nutritional care.

Dietitians participate in research to identify the causes and risk factors for disease development and the identification of optimal treatment of nutrition-related problems. They plan and implement nutrition programmes and develop nutrition specific and collaborate in nutrition sensitive policies aimed at improving health outcomes within community sub-populations. They develop nutrition interventions for communities at risk of developing diseases, which are informed by structured and integrated community assessment processes. Dietitians also assist in planning tailored diets aimed at improving athletes' performance.

Selection

- **Fifty (50) first-year students are selected annually.**
- 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 2022.**
- Only first-choice applicants are considered.
- Candidates must also comply with the minimum admission requirements provided on page 2.
- Candidates are 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.

Description of the programme

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. The programme broadly comprises the following three areas of specialisation within the scope of practice:

- **Clinical dietetics** (medical nutrition therapy) focuses on the nutrition of individuals, either preventative in terms of lifestyle-related diseases or therapeutic in the treatment of 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** is aimed at educating and training communities or groups of people on how to improve their health through nutrition. An example of this is when communities are trained in respect of the types of food they would need in order to maintain a healthy lifestyle. Should they not have access to those foods, they are trained in how to acquire the necessary nutrition, for example, by growing the right types of vegetables.
- **The management of large-scale food service units**, where the nutritional needs of clients or patients are taken into consideration when planning normal and therapeutic diets of a 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

After completing the degree, one year of compulsory community service is required. Graduates must register with the Health Professions Council of South Africa (HPCSA). This degree is internationally recognised.

Career opportunities

The problem-solving skills acquired during their academic and practical training qualify dietitians to function independently and develop healthcare programmes in communities. Dietitians are skilled in the use of technology and research in the field of nutrition. They can also form part of members of multidisciplinary healthcare teams. They are experienced in reading, interpreting and writing scientific and popular reading matter about human nutrition for the lay person. Dietitians who are registered with the HPCSA can provide nutrition counselling and dietary management in hospitals and clinics as members of healthcare teams. Preventative nutritional care can also be provided to the public by way of nutrition education about healthy eating habits and the prevention of nutrition-related diseases. Particular challenges exist in the context of primary healthcare, where dietitians are involved at grassroots level.

The Department of Health is a major employer of people qualified in this field. Dietitians in private practice provide counselling on nutrition to patients referred to them by medical practitioners. Sports nutrition also presents exciting opportunities for consultation. Dietitians can further offer their expertise to food service units and other private companies, for example in the pharmaceutical industry. A career in dietetics offers opportunities to develop managerial skills. Food service system dietitians, for example, manage large-scale food service units, while experienced clinical dietitians may be placed in charge of the clinical nutrition service offered by hospitals. Quality assurance is important in this regard. Should you wish to pursue postgraduate studies, you could also consider a career in research or in academia.

Contact information

Email healthapplications@up.ac.za



Student contributions



‘I always knew that I wanted to study physiotherapy, but it was only once I started that I REALLY KNEW that I belong here. I have enjoyed all aspects of the programme – the content, interactive classes, and working clinically where we get to apply and integrate all of our knowledge! I have grown a lot within myself, learned to adapt to change, and realised my love for working with people.’

Most of all, I have learned about living a balanced life. We need to make time to have fun to improve our ability to connect with

others. Luckily, we are encouraged to let go a bit by having socials arranged for us by the Department of Physiotherapy. Being a part of the Department of Physiotherapy at Tuks is something special. We are a close-knit family. I have met some of the most amazing people and have no doubt that I will continue to do so. I had the privilege of starting to study physiotherapy as a senior student in 2018, and I couldn’t be more grateful!’

Tylah Ann Lotter
(third-year BPhysio student)



‘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. Getting to put what we have learnt into practice and working in an actual hospital with patients has been very exciting. I love my Physiotherapy family here at UP!’

Nomthandazo Nhlapo (third-year BPhysio student)

‘When I chose to study radiography, I saw it as the key to my future. It has taken me a while to realise that it is in fact, the key to many doors, some of which I have yet to discover. During my studies, I experienced significant personal growth. From my initial tour of the Steve Biko Academic Hospital and meeting with qualified personnel in the field I hoped to join, I have been aware of the responsibility that comes with this profession. Success in any sphere of life requires hard work, and just like any other degree, the successful completion of the BRad degree requires hard work and commitment, but I know that the reward will make my effort worthwhile. Helping others and seeing the difference you have made is extremely rewarding.’



Anesu Katsuwa (third-year BRad student)

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.

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

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.

Contact information

Email consumer.food@up.ac.za

Bachelor of Physiotherapy (BPhysio)

Physiotherapy is a complementary healthcare profession that aims to restore or promote the normal physical functioning of the individual, as well as to rehabilitate individuals with injuries and those living with disabilities. Training is evidence- and outcomes-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 the use of physiotherapy in various areas, treating people with musculoskeletal, neurological and respiratory problems and sports injuries. Training includes work in the field of paediatrics and in communities. Musculoskeletal and sports

therapies are used to treat problems affecting the vertebral and peripheral joints. Neurological therapy involves rehabilitation principles used for the treatment of 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. Special emphasis is placed on community education and empowerment with regard to 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 major 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 2022.**
- Candidates must also comply with the minimum admission requirements provided on page 2.
- Candidates are 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.

Programme content

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. Private practices and the Sports Centre based at the University of Pretoria are also used. Community-based training of undergraduate students takes place in the communities of 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 takes place in the communities of Mamelodi, Hammanskraal, Daspoort and Eersterust, at various homes for the aged in Pretoria, and at 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.

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, at sports centres and with sports teams. Should you undertake postgraduate studies, you could also consider a career in research or in academia.

Contact information

Email healthapplications@up.ac.za



Bachelor of Radiography (Diagnostics) (BRad Diagnostics)

Radiography is a healthcare science profession that involves medical imaging and treatment. It is a rapidly growing occupation in modern healthcare. The University of Pretoria offers an undergraduate programme in diagnostic radiography and postgraduate degrees in three professional fields, namely diagnostics, radiation therapy and nuclear medicine.

During training, students are exposed to all facets of healthcare. Training takes place at primary, secondary and tertiary institutions. Students have the opportunity to interact with teams of healthcare professionals where, as valued members, they obtain a better understanding of the holistic approach to patient care.

Personal characteristics a radiographer should display include a genuine desire to help sick and injured patients, as well as excellent time management, to ensure a balance between time for leisure and time for studies. In the course of a day, many decisions regarding patient care are taken. Self-discipline and responsibility are essential, and candidates should enjoy good health as the work entails considerable physical movement while supporting and assisting patients and manipulating the equipment.

Selection

- **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 2022.**
- Candidates must also comply with the minimum admission requirements provided on page 2 of this brochure.
- Candidates are 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.

Programme content

The BRad 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, as well as at some private radiological practices. Students are allocated to these centres to gain the compulsory clinical experience needed to competently

conduct various radiographic examinations and procedures.

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

Categories of radiography offered at the University of Pretoria:

- **Diagnostic radiography:** The diagnostic radiographer is an essential member of the health team and is responsible for forming and capturing the diagnostic images of a patient referred by a medical practitioner for a specific radiographic procedure. X-ray procedures vary in complexity and range from simple skeletal examinations to sophisticated, high-technology examinations during which different imaging modalities are used. In the latter cases, X-rays and computers may be used to produce images. Fractures, brain tumours, haemorrhages and blood clots are only a few of the medical problems diagnosed by these sophisticated devices. Diagnostics is offered at both the undergraduate and postgraduate levels.
- **Radiotherapy and Nuclear Medicine:** Radiotherapy entails the use of high-energy radiation in the treatment of benign and malignant tumours. Nuclear medicine entails the administration of a radiopharmaceutical substance to a patient to demonstrate the anatomy and functioning of organs, as well as the physiology of certain diseases. The University of Pretoria offers Radiation Therapy and Nuclear Medicine at honours level. These categories of radiography are offered at tertiary hospitals and selected private healthcare centres.
- The Department will be introducing a BRadHons degree in ultrasound in the near future.

Career opportunities

The following organisations may employ qualified diagnostic radiographers:

- Urban and rural hospitals
- Private clinics and hospitals
- The South African National Defence Force
- Mining companies
- Private radiology practices
- Educational institutions and training bodies
- Specialised units, such as angiography, computer tomography, magnetic resonance and ultrasound units
- Suppliers of apparatus and equipment

Radiographers in all categories may also occupy managerial posts or establish their own private practices. Should you pursue postgraduate studies, you could consider a career in academia or in research. For career progression in each category, there are opportunities to undertake master's and doctoral studies.

Contact information

Email healthapplications@up.ac.za

School of Healthcare Sciences

Bachelor of Nursing Science (BNurs)

The Department of Nursing Science strives for excellence in its teaching, research and community outreach programmes, and is focused on the promotion of the intellectual, cultural and personal development of all its students. 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.

Selection

- **Fifty (50) first-year students are admitted 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 2022.**
- Candidates must also comply with the minimum admission requirements provided on page 2.
- Candidates are 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.

Description of the programme

Nurses are professional healthcare providers. In this programme, they will be taught Anatomy, Physiology and Clinical skills.

The BNurs programme requires four years of full-time study and prepares students for the following career areas:

- **General nursing**, which involves caring for people of all ages in community settings, clinics and hospitals.
- **Midwifery**, in which the nursing emphasis is on providing counselling and care during preconception, pregnancy, childbirth and the postpartum period. Clinical skills and experience in midwifery are obtained through practical exposure in clinics and hospitals.

Career opportunities

Nursing graduates are employed in clinics and hospitals, and many have private nursing practices. The state and the private sector also offer a wide variety of opportunities.

The following fields of nursing specialisation are available:

- General medical and surgical nursing
- Trauma nursing
- Theatre nursing
- Community nursing
- Psychiatric nursing
- Midwifery
- Paediatric nursing
- Neonatal nursing
- Nursing management
- Nursing education

Contact information

Email healthapplications@up.ac.za



'As I reflect on two and a half years of my journey in nursing at the University of Pretoria, I am amazed and grateful to realise how much I have grown not only as a nursing student but also as a person. My personal integrity and self-awareness are flourishing. My clinical training has prepared me to care for patients effectively and I am grateful for the experiences they came with as they all made me knowledgeable. This past year I was nominated as one of the prize winners for the Department of Nursing as I obtained an average above 75% and was invited to join the Golden Key International Honour Society. A professional nurse is the result of hard work, self-dedication, strong values and a high level of morale. These characteristics are what make the nursing profession so special.'

Kamohelo Morotolo (third-year BNurs student)



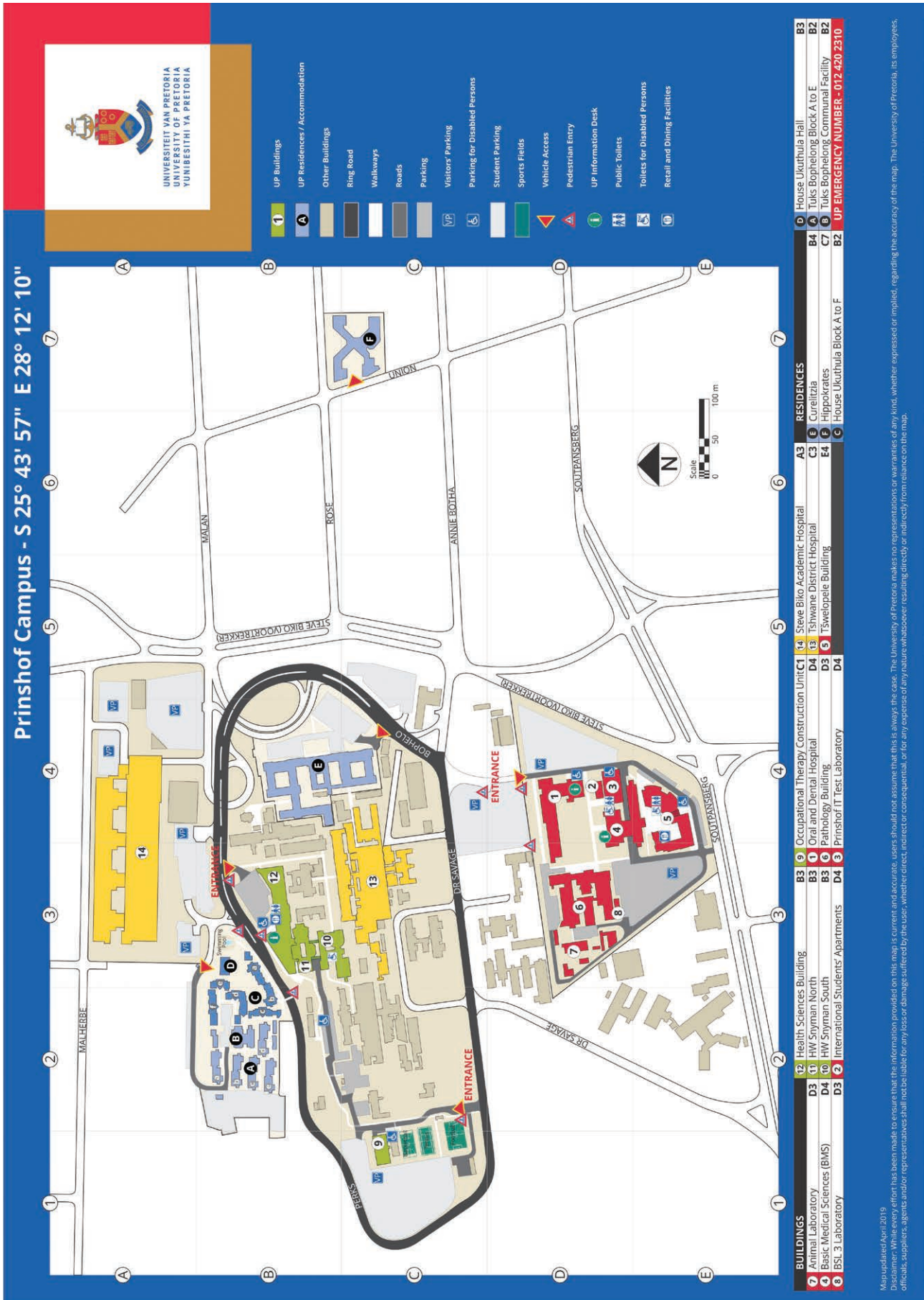
'I walked into this university with much hopes and dreams for the future. The passion for nursing has been one I always harboured within me. My journey so far in the Bachelor of Nursing Science (BNurs) programme has not been one I would consider easy or smooth, but with every obstacle I face, I find myself better equipped and ready for the future that awaits me. From the beginning of my first year to now being in my third year of study, the importance of unity amongst my colleagues and classmates has been strongly enforced in us by the Department of Nursing Science and that's one principle that I will carry with me for the rest of my life. I can confidently say that I am a better person now in my life, than I was when I had first arrived at the University of Pretoria and this is all because of the experiences in this field of study that has shaped me into a better and more understanding person than I ever was.'

Mahdia Malisa (third-year BNurs student)

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Prinshof Campus map



Map updated April 2019
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