University of Pretoria

Undergraduate Faculty Brochure
Health Sciences
2014/15

UNIVERSITEIT VAN PRETORIA
UNIVERSITY OF PRETORIA
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2014/15

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Message from the Dean

The Faculty of Health Sciences at the University of Pretoria has a long and proud tradition of excellence in the education of health care professionals. More than 500 full-time and part-time staff members are dedicated teachers, researchers and clinical practitioners who bring these dimensions of academic endeavour together as role models who excite and inspire our students.

Quality is at the heart of the Faculty's commitment to a deep culture of teaching and learning. Our curricula and teaching methods are constantly updated to ensure that we keep pace with the demands of a rapidly changing world. High standards and innovative approaches to learning enhance the ability of our graduates to deal with complexity and solve problems. Our teaching venues, laboratories, skills training units, IT facilities, residences, teaching hospitals and clinics are constantly being upgraded and are currently in the process of being expanded to accommodate increased numbers of students to respond to national demands for more appropriately trained graduates to meet the health care needs of the country.

We offer our students a comprehensive range of tutoring, mentoring, progress monitoring and counselling services. The excellent pass rates of our course modules and completion rates of our degrees above 90% are testimony to the commitment and hard work of our students and success of our student support systems. Students in Health Sciences also have opportunities for a full and balanced university experience with access to the social, sporting, cultural, leadership and community outreach activities that contribute to ensuring that our gradutes leave as competent, responsible and caring health professionals.

We look forward to welcoming you as a student to the Faculty of Health Sciences in 2015.

Prof Eric Buch
Dean: Faculty of Health Sciences

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Undergraduate study programmes

Faculty of Health Sciences

Important information on undergraduate study programmes for 2015

• In order to register, NSC/IEB/Cambridge candidates must comply with the minimum requirements for degree studies and with the minimum requirements for the relevant study programme. • Life Orientation is excluded in the calculation of the APS. • Grade 11 results will be used for the conditional admission of prospective students. • Admission to Health Sciences study programmes is subject to a selection process. • The applications of international candidates who come from countries that have medical schools will not be considered for placement in the MBChB study programme. • For selection purposes the sum of the results in six subjects, including English, Mathematics and Physical Science, is calculated. • For students with postgraduate qualifications, careers as academics and researchers are available in all professions.

University of Pretoria website: www.up.ac.za | **National Benchmark Test website: www.nbt.ac.za**

Study programme Duration Closing dates Careers	Minimum requirements for 2015												APS
	Achievement level												
	English				Mathematics				Physical Science				
	NSC/IEB	HIGCSE	AS-Level	A-Level	NSC/IEB	HIGCSE	AS-Level	A-Level	NSC/IEB	HIGCSE	AS-Level	A-Level	
MBChB – Bachelor of Medicine and Surgery **[6 years]** Closing dates: SA – 31 May Non-SA – 31 May	5	3	C	C	5	3	C	C	5	3	C	C	35
Selection is based on academic merit, the NBT and the Value-added Questionnaire. **Careers:** General medical practitioners, specialists (after postgraduate training)													
BChD – Bachelor of Dentistry **[5 years]** Closing dates: SA – 31 May Non-SA – 31 May	5	3	C	C	5	3	C	C	5	3	C	C	35
Selection is based on academic merit, the NBT and the Value-added Questionnaire. **Careers:** Dentists, specialists, academics and researchers													
BOccTher – Bachelor of Occupational Therapy **[4 years]** Closing dates: SA – 31 May Non-SA – 31 May	4	3	D	D	4	3	D	D	4	3	D	D	30
Selection is based on academic merit, the NBT and the Value-added Questionnaire. **Careers:** Occupational therapists, academics and researchers													
BPhysT – Bachelor of Physiotherapy **[4 years]** Closing dates: SA – 31 May Non-SA – 31 May	4	3	D	D	4	3	D	D	4	3	D	D	30
Selection is based on academic merit, the NBT and the Value-added Questionnaire. **Careers:** Physiotherapists, academics and researchers													
BCur – Bachelor of Nursing Science **[4 years]** Closing dates: SA – 31 May Non-SA – 31 May	4	3	D	D	-				-				25
Selection is based on academic merit, the NBT, the Value-added Questionnaire and an interview. **Careers:** General nursing, psychiatric nursing, midwifery and community nursing													
BRad – Bachelor of Radiography **[3 years]** Closing dates: SA – 31 May Non-SA – 31 May	4	3	D	D	4	3	D	D	4	3	D	D	25
Selection is based on academic merit, the NBT and the Value-added Questionnaire. **Careers:** Radiographers, academics and researchers													
BDietetics – Bachelor of Dietetics **[4 years]** Closing dates: SA – 31 May Non-SA – 31 May	4	3	D	D	4	3	D	D	4	3	D	D	25
Selection is based on academic merit, the NBT and the Value-added Questionnaire. **Career:** Dieticians													
BClinical Medical Practice – Bachelor of Clinical Medical Practice **[3 years]** Closing dates: SA – 31 May Non-SA – 31 May	4	3	D	D	4	3	D	D	-				25
Selection is based on academic merit and the Biographical Information Form. **Careers:** Clinical associates and academics													

Study programme Duration Closing dates Careers	Minimum requirements for 2015												
	Achievement level												APS
	English				Mathematics				Physical Science				
	NSC/IEB	HIGCSE	AS-Level	A-Level	NSC/IEB	HIGCSE	AS-Level	A-Level	NSC/IEB	HIGCSE	AS-Level	A-Level	
BOH – Bachelor of Oral Hygiene **[3 years]** Closing dates: SA – 31 May Non-SA – 31 May	4	3	D	D	4	3	D	D	4	3	D	D	25
Selection is based on academic merit and the NBT. **Career:** Oral hygienists													

Study programme Duration Closing dates Careers	Minimum requirements for 2015
The study programmes below are only for registered nurses who have already obtained a nursing qualification.	
BCur(I et A) (Nursing Education) **[3 years]** Closing dates: SA – 30 November Non-SA – 30 November	Registration as a nurse with two years' experience Please note that Grade 12 learners cannot apply for these study programmes.
Selection is based on academic merit, experience in the workplace, compliance with the relevant admission requirements and the approval of the applicant's employer. **Careers:** Nurses, lecturers and hospital administrators	
BCur(I et A) (Nursing Management) **[3 years]** Closing dates: SA – 30 November Non-SA – 30 November	
Selection is based on academic merit, experience in the workplace, compliance with the relevant admission requirements and the approval of the applicant's employer. **Careers:** Nurses, lecturers and hospital administrators	
BCur(I et A) (Community Nursing) **[3 years]** Closing dates: SA – 30 November Non-SA – 30 November	Registration as a midwife or accoucheur Please note that Grade 12 learners cannot apply for these study programmes.
Selection is based on academic merit, experience in the workplace, compliance with the relevant admission requirements and the approval of the applicant's employer. **Careers:** Nurses, lecturers and hospital administrators	
BCur(I et A) (Clinical Nursing: Critical Care, Trauma, Paediatric Nursing, Neonatology, Advanced Midwifery and Neonatology) **[3 years]** Closing dates: SA – 30 November Non-SA – 30 November	
Selection is based on academic merit, experience in the workplace, compliance with the relevant admission requirements and the approval of the applicant's employer. **Careers:** Nurses, lecturers and hospital administrators	

Study programme Duration Closing dates Careers	Minimum requirements for 2015												
	Achievement level												APS
	English				Mathematics				Physical Science or Life Sciences				
	NSC/IEB	HIGCSE	AS-Level	A-Level	NSC/IEB	HIGCSE	AS-Level	A-Level	NSC/IEB	HIGCSE	AS-Level	A-Level	
BSportSci – Bachelor of Sport Science **[3 years]** Closing dates: SA – 31 May Non-SA – 31 May	5	3	C	C	5	3	C	C	5	3	C	C	30
Selection is based on academic merit, the NBT and the Value-added Questionnaire. **Careers:** Sports Science research and teaching, biokinetics and the sport and exercise industry.													
Higher Certificate in Sport Science **[1 year]** Closing dates: SA – 31 May Non-SA – 31 May									Afrikaans or English				APS
									NSC/IEB	HIGCSE	AS-Level	A-Level	
									4	3	D	D	15
Selection is based on academic merit and Grade 12 sporting achievements. Students who have obtained an NSC without endorsement and have an APS of at least 15 and wish to be considered for admission must write the NBT and apply for Senate discretionary admission. Please take note that places for the Higher Certificate in Sport Science are preferentially offered to applicants who are nominated by one of the official UP sports clubs. **Careers:** Sports coaching, sports and exercise industry													

General overview

As an international role-player focusing on health care in Africa, the vision of the Faculty of Health Sciences of the University of Pretoria is to maintain health standards through quality education, research and community service. Since its inception, it has grown to be one of the largest health training institutions in the country and boasts an undergraduate and postgraduate student corps of over 6 000.

The lecturers and personnel of the Faculty provide appropriate training for doctors, clinical associates, dentists, oral hygienists, dieticians, nurses, occupational therapists, physiotherapists and radiographers. The curricula are adapted on a regular basis in accordance with changes in health education methodology globally and in South Africa.

Community-based education is an important and integral part of all the programmes. The Faculty ensures that students are trained as part of a multidisciplinary team in tertiary and secondary health facilities. Students are also exposed to primary health care in rural and historically disadvantaged areas of South Africa. Therefore the Faculty of Health Sciences equips its students with the necessary knowledge, professional attitude and skills to bring hope and a better quality of life to communities. With its unique curricula for the different medical, dental and health care fields of study, graduates can make a difference in other people's lives.

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

Admission

In addition to meeting the minimum subject and all other requirements that are shown in this brochure, candidates in Grade 12 must apply for preliminary admission to the Faculty on the basis of their final Grade 11 results. The final Grade 11 average and results of the National Benchmark Test (NBT) are considered for provisional admission. To retain selection, the candidate's APS at the end of Grade 12 should not fall more than two points in comparison to what it was in Grade 11.

National Benchmark Test (NBT)

The NBT is compulsory for all school leavers who apply for admission to any field of study in the Faculty of Health Sciences.

The NBT provides additional information about a student's performance in three core domain areas: academic literacy and quantitative literacy (one three-hour test) as well as mathematics (one three-hour test). The mathematics test is also known as the Cognitive Mathematical Proficiency (CAMP) test and it tests a learner's ability related to mathematical concepts in the NSC Mathematics Paper I and II. Prospective students will write two tests, but obtain three scores.

Take note: Information on the test will be communicated to the candidate in writing and will also be available on the NBT website (www.nbt.ac.za). The process is as follows:

1. Learners register online, at least four weeks prior to writing the test, at www.nbt.ac.za and choose their own date and venue.
2. Applicants for study programmes in the Faculty of Health Sciences may write the test only once, on one of the dates that will be communicated to prospective students by the Faculty.
3. The test is valid for applications for study at all South African universities.
4. An administration fee is payable in advance via EasyPay. Learners should bring proof of payment with them on the day they write the test.
5. Applicants write the NBT using their ID numbers.
6. On the day the NBT is written, applicants must report to the venue at 07:30. They should bring their identity document, their student number and their own stationery.
7. Candidates are not permitted to use scientific calculators during the mathematics test.
8. Learners applying for degrees for which Mathematics is a requirement at the University of Pretoria, are required to write the AQL plus the mathematics test.
9. Results will be available approximately one month after the test date.
10. Results will be available online to the prospective students and the university (or universities) to which they have applied.

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School of Medicine

Bachelor of Medicine and Surgery (MBChB)

To be allowed to register as a doctor (medical practitioner), a student has to obtain the MBChB degree, followed by a two-year internship and one year of community service. All newly qualified doctors are obliged by law to complete at least one year of community service. In the medical profession, the health of a patient is of vital importance. People who are already ill are treated according to their needs with the aim of restoring them to health again. Apart from this, special programmes are developed to prevent the spread of diseases and/or infections in the community.

The University of Pretoria has taken the lead in South Africa by developing and implementing an internationally comparable, problem-orientated and outcomes-based training programme. The Health Professions Council of South Africa (HPCSA) has accredited the curriculum, and the high standard of training at the University is recognised locally and internationally. There are also exchange agreements between the School of Medicine and similar faculties at universities abroad.

Medicine covers a very wide professional field, but it is not only a profession; it is a calling. That is why prospective students have to be prepared to serve humanity in all its facets. The profession demands high ethical standards that have to be applied in practice. It also makes heavy physical and mental demands on a doctor.

Selection

A selection process is necessary because more applications are received than there are places available. High academic standards, versatility and community involvement are aspects that are taken into account in

selection. Selection is based on academic merit, the NBT and the Value-added Questionnaire. For final selection, certain minimum achievement levels are required (refer to the minimum requirements on page 1) in accordance with the selection procedure. There are two basic categories for selection. The first category is for school-leavers, and the second is for those with previous exposure as students to tertiary education.

Provisional selection for school-leavers is made on the basis of the final Grade 11 marks, the results of the NBT and the Value-added Questionnaire. A selection list and a waiting list are compiled on the basis of academic merit. Candidates are provisionally selected strictly according to the merit list, and any places that become vacant are filled from the waiting list.

After the final examination for Grade 12, the provisional selection results are confirmed in respect of those applicants who have met the academic standards and criteria. The final 10% of new first-year students are selected in July of the first year of study on the basis of their achievements in the first semester of the BSc (Biological Sciences) study programme. Only new first-year students from the University of Pretoria may apply for this selection.

Students are selected according to academic merit. Provisionally selected students must have passed the prescribed subjects for which they were registered at the time of their application before their selection can be confirmed.

Further information about the selection process can be obtained from the Faculty. **Only 300 students are admitted to the MBChB first-year class annually.**

Duration of the study 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, during which all the clinical training takes place around patients in hospitals and clinics.

  After this, there are two years of internship: 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 service**
  The curriculum was 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 Policlinic 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 students are trained in a research environment as far as possible.

Career opportunities

The study programme allows graduates to register as medical practitioners once they have completed their internships and community service (currently two years and one year respectively). After that, they may practise as general practitioners (medical doctors) in hospitals or in private general practice, do research, and/or teach undergraduates. Further postgraduate study is necessary to become a specialist. Specialists can work in hospitals and/or private practice or follow careers in academic medicine. This involves clinical practice, teaching and research.

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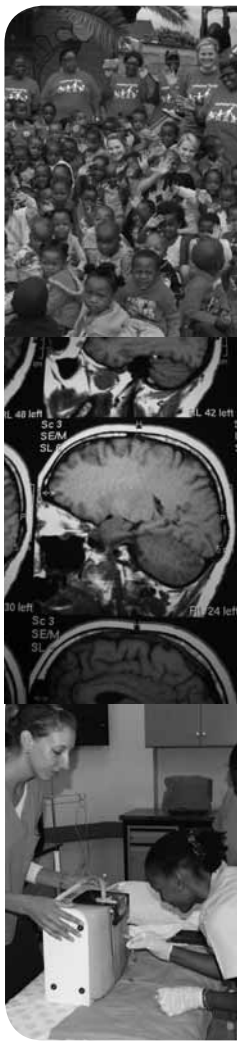

"It has been postulated that we are the sum total of our past and that the definition of who we become is based on our experiences; good or bad. My journey into the weird and wonderful world of Medicine was predicated upon this very hypothesis. Having been a sickly child and also one who had an avid interest in the sciences, and being fascinated by the infinite processes operating on a molecular and submolecular level, culminated into this one finite being. The course of my life had already been set in motion with one destination in mind. Now for most, there is this misconception that the very impetus for us joining the medical fraternity is one of monetary gain and the prestige that comes with the title. This perception is not only superficial, but also myopic at the very least. As stated earlier, my experiences shaped me and once I joined the Faculty I realised that it is not about what you can get, but what you can give. I had to have the thorn in my side so that I could understand and empathise with those to whom I would be rendering the service. I must say being in this Faculty for almost six years now I realised that it is not about the condition, but about the patient. Medicine is not all about your intellectual IQ, but more about your emotional IQ. This is a discipline that necessitates a curious mind and a heart that perceives the pain and deals with it in a holistic manner. It has been a great pleasure to be part of this fraternity, meeting students who are not only science-oriented, but also have a curiosity about life in its totality. Medicine has taught me that it is important to be well-rounded, to relate not only to those around you, but also to the patients. You learn how to be a professional and to uphold the standards that are in tandem with the Health Professions Council of South Africa. A lot of studying is involved with long days, especially in your more clinical years, but it all pays off in the end when you become a competent and a safe doctor."

Edgar McOduol (MBChB VI)

Bachelor of Clinical Medical Practice (BClinical Medical Practice)

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

A clinical associate is a professional member of the health care team with the necessary knowledge, skills and attitude to function effectively in the district health system in South Africa.

Clinical associates work under the supervision of a qualified medical practitioner. Teamwork and communication skills are critical and clinical associates need good clinical skills to manage common ailments and diseases.

Clinical associates are able to provide any medical service delegated to them by the supervising registered medical practitioner if such service forms part of the education, training and experience of the clinical associate. Clinical associates are therefore considered to be the agents of their supervising doctors in the performance of all practice-related activities, including the requisition of diagnostic, therapeutic and other medical services.

Clinical associates can work as a member of the health care team in district health care services. Potential employers include public health care institutions and the South African Military Health Service. Further studies and research can also be pursued and will open up many employment opportunities in health services and institutions of higher learning.

Duration of the study programme

The BClinical Medical Practice qualification is a three-year full-time degree course. The curriculum has been compiled on the basis that training should take place through service delivery. The training is practical, problem-orientated and can be summarised as follows:

- **Year 1**
  Theoretical, practical and clinical training takes place mostly at the Prinshof Campus. The focus is on obtaining patients' medical history and mastering physical examination techniques. Students are placed in various hospitals in Gauteng.

- **Year 2 and 3**
  Clinical practicals are based in various hospitals in Gauteng, Mpumalanga and other provinces. Clinical skills are gained through service learning in hospitals, clinics and community contexts.

Selection

Selection is based on academic merit and the Biographical Information Form. Physical Science and Life Sciences are not compulsory subjects but will be an advantage for selection purposes.

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"At first I did not know what I wanted to study. All I knew was that I wanted to help people, but I did not know how. I have always wanted to be in a medical field, but did not want to be a doctor or a nurse. After I heard and read about the BClinical Medical Practice study programme, I knew it was exactly what I wanted to do.

I studied BClinical Medical Practice because I wanted to make an impact in patients' lives and I also wanted to become the change I want to see in the world. The BClinical Medical Practice study programme allows me to do that as early as in my first year of study because it is hands-on and practical, and that is what I like most about the study programme.

When working as a clinical associate, I see myself as a professional clinician who is part of the health care team with multidimensional skills, and as a professional who makes sure that patients walk out of the health care facility with a smile on their faces.

The BClinical Medical Practice study programme requires an individual to have courage, enthusiasm, self-discipline and to always be up for a challenge. So if you think you have all of these attributes and are ready for a new challenge, why wait? Go ahead and make the difference, the health care system needs people like you.

I was selected to represent the BClinical Medical Practice study programme in the USA and to attend the American Academy of Physician Assistants' conference in Canada in May 2012."

Maria Kau (BClinical Medical Practice)

School of Dentistry

Bachelor of Dentistry (BChD)

The School of Dentistry at the University of Pretoria enjoys wide national and international recognition for the quality of its training, research, patient care and its involvement in community-based projects. Since 1950, the School of Dentistry (formerly the Faculty of Dentistry) has been producing graduates who make a decisive contribution to the practice of dentistry, health management, statutory councils and academic training, both nationally and internationally.

The typical work day of a dentist is spent diagnosing 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 and bridge therapy, and the treatment of diseases of the gums. The dentist is also responsible for surgical intervention in the mouth, the alignment of irregular teeth, alleviation of pain, root canal treatment of teeth, and the planning of dental treatment in cooperation with the patient.

Dentistry offers many challenges and stimulating opportunities for men and women. With the exclusive aim of rendering high-quality oral health care to the patient, the dentist cooperates as a team member with all the other role-players of the oral health team. The total health of the individual forms the basis of the training of each dentist. Dentists should have special characteristics. They should be academically gifted, and dexterity is an indispensable prerequisite.

Selection

Selection is based on academic merit, the NBT and the Value-added Questionnaire. For final selection, students should meet certain minimum requirements (refer to the minimum requirements on page 1).

Description of the study programme

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

Dentistry is a study programme over five years, followed by one year of compulsory community service.

The first semester of the first year of BChD (Bachelor of Dentistry) and MBChB (Bachelor of Medicine and Surgery) is the same. As early as the second semester of the first year of study, students get first-hand exposure to clinical dentistry.

The list of prescribed modules is set out in the Yearbook of the Faculty of Health Sciences and can be viewed at www.up.ac.za/yearbooks.

Career opportunities

The University of Pretoria, with its proud record of providing a high standard of training for dentists and specialists, produces graduates who render outstanding professional services to the community. There are employment opportunities for dentists in private practice, in the South African National Defence Force, and elsewhere in public hospitals and clinics, health care organisations and academic institutions.

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Bachelor of Oral Hygiene (BOH)

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. In this way, a preventative, educational and therapeutic service is rendered to the individual patient and 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 are 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.

"I am a fourth-year Dentistry student. I chose Dentistry because it offers me an opportunity to engage with people on a day-to-day basis. Studying Dentistry at the University of Pretoria is one of my greatest experiences. I have not had such a great experience in my academic career. Excellent facilities and the friendliness of the people is what inspired me to study Dentistry here. As an undergraduate student, you get the opportunity to make new friends both locally and internationally, and this makes learning enjoyable, exciting and fun.

The teaching in Dentistry is one-to-one in the clinics with excellent, well-informed academic staff. This provides a fantastic way to learn. Once you qualify, Dentistry offers innovative exciting opportunities and an engaging career."

Eli Matsimela (BChD IV)

Selection

The study programme in oral hygiene is of a high academic standard, and consequently academic merit is of decisive importance for admission. A strict selection process is applied, since only a limited number of students are admitted. Candidates are selected on the basis of their academic performance and the results of the NBT. An applicant must obtain a valid National Senior Certificate endorsed for degree purposes. For final selection, students should meet certain minimum requirements (refer to the minimum requirements on page 1).

Description of the study programme

To keep pace with the modern requirements of tertiary training, the School of Dentistry follows a curriculum that is problem-based, student-orientated and directed at the community, with vertical and horizontal integration of subjects. It is a three-year degree programme in which the student receives training in basic medical and dental subjects. Theory and practice are integrated from the first year of study. The first half of the first year is dedicated to training in the preclinical training ward. Thereafter, students treat patients in the well-equipped Oral and Dental Hospital. The work includes motivation of the patient, oral hygiene instruction, polishing and scaling of teeth, fluoride application and the application of fissure sealing agents to teeth.

In addition to his or her role as student, the aspirant oral hygienist has a variety of other tasks to perform. These include taking part in National Dental Health Week and research projects, as well as visits to nursery schools and special schools for oral care maintenance. Community service includes visits to the Steve Biko Academic Hospital's spinal unit and children's wards, and a visit to the Phelophepa Health Train, from which a dental service is rendered to the community.

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 and prosthodontists. Further employment possibilities are with organisations such as the South African National Defence Force or elsewhere in the public service. Individuals who are interested in academic careers may join tertiary education institutions as lecturers. Other possible employers are municipal clinics and health care organisations.

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School of Health Care Sciences

Clinical training in the School of Health Care Sciences

Clinical training takes place in hospitals, clinics and in the community. Clinical training does have some risks due to the exposure to infection and the crime situation in the country. The University of Pretoria has, however, instituted measures for students' protection and will supply them with particular instructions and criteria in this regard. Clinical training necessitates that students should have their own transport, and they cannot be compensated for all travel expenses.

Bachelor of Occupational Therapy (BOccTher)

Occupational therapy is a health care occupation in which people with physical or mental diseases or disabilities are treated by means of participation in everyday activities. The occupational therapist assists the client to function as normally as possible in society. The occupational therapist is trained to apply specific techniques and procedures in a scientific manner, so that a client's remaining abilities are developed maximally, thus enabling the client to lead a meaningful and independent life. Occupational therapy is also applied to persons with developmental delays, learning disabilities or psychosocial dysfunctions.

"I am a second-year Oral Hygiene student.

The School of Dentistry is very "hands-on". At the clinical sessions we are given the opportunity to practise what we learn in class. I like the fact that we don't only deal with clinical-based work, but also work on a public level – given that public health is our priority as oral hygiene workers.

Working with dental students in the wards helped me to move outside my comfort zone, while enabling me to be part of a team. I simply enjoy working with people for people.

In my first year, I received an award for achieving a year average of over 75%. I was surprised: I didn't start off well, but receiving the award really motivated me to work even harder.

Once I am finished with my study programme I intend to study Dentistry. Not being able to get into Dentistry immediately did not discourage me, but actually helped me to find my love for the field."

Jamilah Ramatena (Oral Hygiene)

Occupational therapy is a stimulating career that offers ever-present challenges. It requires an adaptable, intelligent and practical person with good problem-solving and managerial skills. A successful occupational therapist has good interpersonal relations and can approach divergent situations in a resourceful manner. 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.

Selection

Selection is based on academic merit, the NBT and the Value-added Questionnaire. For final selection, certain minimum achievement levels are required (refer to the minimum requirements on page 1).

Description of the study programme

The occupational therapy study programme of the University of Pretoria is an integrated programme, which means that the basic subjects, such as anatomy or psychology, are applied for various conditions from the beginning in the study programme. A problem-based teaching approach is used. This approach enhances students' confidence and independence. These qualities are important for their work in hospitals or clinics in the community in the present health system.

- **Curriculum**
  The curriculum is an integration of human and natural sciences, reflecting the performance of activities by a person during his or her lifetime. Students learn to apply the occupational therapy process to those whose functioning has been affected by developmental delays, neglect, disease, trauma, accidents or ageing.

- **Learning programme**
  The study programme entails four years of full-time study and is designed to facilitate active participation by the students. Students do practical work throughout the four years at various hospitals, clinics and institutions, as well as in developing communities.

- **Research**
  At undergraduate level, students are given the opportunity to become acquainted with research activities under the guidance of staff members. Postgraduate students conduct research on a range of topics, which vary from the ergonomical design of wheelchairs to the effect of musical activities on patients who are psychiatrically ill. Postgraduate diplomas in Hand Therapy and Vocational Rehabilitation are also presented by the Department of Occupational Therapy at the University of Pretoria.

Career opportunities

Occupational therapists can be employed in various institutions, such as hospitals (including psychiatric hospitals), schools, homes for the aged, welfare organisations, municipal clinics and community organisations. There are employment opportunities in the private sector with insurance companies and private practices. Postgraduate study may be undertaken, leading to a career path in academia as a teacher and researcher.

Contact information
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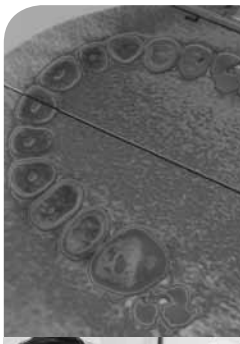
Information on open days will be made available on the web page. Phone +27 (0)12 354 1326 to make an appointment.

Bachelor of Dietetics (BDietetics)

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



"The Faculty of Health Sciences provides students with outstanding theoretical knowledge and first-hand practical experience. The Department of Occupational Therapy is like a family where you can be yourself, work hard and play hard. Occupational Therapy has many dimensions to it, and covers many fields. This degree challenged my head and my heart; it has given me life skills and has equipped me to help people. Occupational Therapy is not just a degree – it is a way of living a balanced life. I look forward to rehabilitating those in need and I dream of starting a rehabilitation centre one day.

I received the award for best first-year Occupational Therapy student in 2010 and was the best student in Occupational Therapy subjects in 2010 and 2011. I am also a member of the Golden Key Honour Society. Achievement bursaries are awarded to prize winners and this is a great way of motivating students to work hard."

Hanri Niemand
(Occupational Therapy)

Dieticians are also responsible for managing food service systems. This is done by providing optimal quality standards for feeding groups, such as the elderly, students, children and hospital patients. Dieticians are involved in developing new food products that have been specifically designed to meet the needs of consumers. They give important input when nutritional products are formulated to enhance the nutritional status of target groups in the community.

Dieticians participate in research to identify the causes and optimal treatment of nutrition-related problems. They plan and implement nutrition programmes and policy developments as part of community development – using the nutrition message to empower and uplift all South Africans. Dieticians provide nutrition education to communities prone to diseases of nutritional excess or shortage, and they have to have extensive knowledge of a community's nutritional status. Dieticians make a difference when it comes to planning special diets for athletes who participate at recreational or professional level.

Selection

The unique selection process used for acceptance means that every dietician is hand-picked. Selection is based on academic merit, the NBT and the Value-added Questionnaire. For final selection, certain minimum achievement levels are required (refer to the minimum requirements on page 1).

Description of the study programme

The BDietetics is a four-year full-time integrated degree programme and consists of theory and practical training. This is a structured programme for elective training. An outcomes-based and problem-orientated health care team approach in a clinical and a community environment is followed. The programme broadly comprises 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 dietician.

Community-based dietetics has the goal of educating and training communities or groups of people on how to improve their health through nutrition. A good example of this is where communities are trained in respect of the types of food they would need 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, is studied. In order to deliver this professional service, scientific knowledge of the following is necessary:

- 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), and the degree is recognised internationally.

Career opportunities

Dieticians who graduate from the University of Pretoria receive integrated theoretical and practical training in biochemistry, physiology, pharmacology, psychology, communication and counselling, food science, human nutrition, medical nutritional therapy and food service system management. Dieticians are able to work with people because of the holistic training received in the biological, health and human sciences. They are also qualified to function independently because of the problem-solving skills acquired during academic and practical training, and will be able to develop health care programmes in communities.

Dieticians are skilled in the use of technology and research in the field of nutrition. They can also work effectively as members of a multidisciplinary health care team. They are experienced in reading, interpreting and writing scientific and popular reading matter for the layperson about human nutrition.

When dieticians are registered with the HPCSA, they can provide nutrition counselling and dietary management in hospitals and clinics as members of health care teams. Preventative nutritional care can also be provided to the public by means of nutrition education about healthy eating habits and the prevention of nutrition-related diseases. Particular challenges exist in the context of primary health care where the dietician is involved at grass-roots level.

"Dietetics at Tuks gives one the opportunity to explore all aspects of nutrition education, both theoretically and practically."

Tasneem Laher (Dietetics)

The Department of Health acts as a major employer in this regard. Dieticians in private practice provide counselling in nutrition to patients referred by medical doctors. Normal nutrition, such as sports nutrition, also presents exciting opportunities for consultation. Dieticians can further offer their expertise to food service units and other private companies, such as the pharmaceutical industry.

A career in dietetics offers opportunities to develop and unfold managerial skills. The food service system dietician, for example, manages the large-scale food service unit, whereas the experienced clinical dietician is in charge of the clinical nutrition service offered by a hospital. Quality assurance is important in this regard. Postgraduate study may be undertaken, leading to a career path in academia as a teacher and researcher.

Contact information
Ms Gerda Gericke
Tel: +27 (0)12 354 1408/1291
Email: human.nutrition@up.ac.za

Bachelor of Physiotherapy (BPhysT)

Physiotherapy aims to restore or promote the normal physical functioning of the individual, as well as to rehabilitate persons with injuries and those living with disabilities. Various methods are used to achieve this. Each of these methods will be dealt with during the study programme, based on the outcomes-based, problem-orientated approach to training. Physiotherapy students are exposed to a wide variety of patients and can make a significant contribution to the health status of any patient by means of examination and problem-solving skills. Physiotherapists who have qualified at the University of Pretoria are in demand in all sectors of health care worldwide.

Selection

Selection is based on academic merit, the NBT and the Value-added Questionnaire. For final selection, certain minimum achievement levels are required (refer to the minimum requirements on page 1). In the case of candidates who are still at school, the Grade 11 final examination marks are used as the basis for provisional selection. In order to retain selection in this category, candidates are required to comply with all the prescribed requirements after the final Grade 12 examination results have become available. Applicants may not drop more than two APS points, as they need to maintain the same academic standard on which they were provisionally selected. Approximately 60 students are selected on academic merit for the first year of study.

Description of the study programme

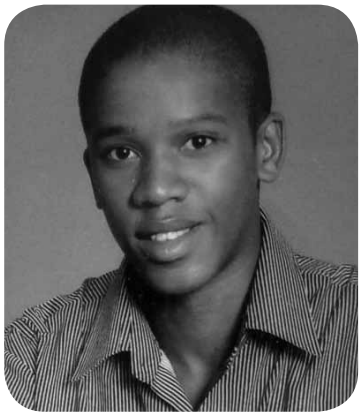
Physiotherapy is a complementary health care profession, and the study programme is completed in four years of full-time study. Students are trained in exercise therapy, electrotherapy, massage therapy, musculoskeletal therapy and the education of patients to restore or promote the normal physical functioning of the individual.

Electrotherapy modalities are used mainly to alleviate pain and swelling and to increase the blood supply in order to influence the pathological processes in the body. Soft tissue such as muscle, skin and scar tissue are mobilised during massage to alleviate pain and muscular spasm, reduce swelling, improve circulation and soften scar tissue. Musculoskeletal therapy is used to treat joint-related problems in the vertebral and peripheral joints. Pulmonary physiotheraphy improves lung function.

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

  Exercise therapy includes specialised techniques to strengthen muscles, mobilise stiff joints and facilitate normal movement patterns. Patients are taught coordinated and skilled movement patterns to render them as functional and independent as possible. Principles of treatment are applied to patients with neurological problems, spinal cord injuries, as well as sportsmen.

- **Community service**
  An informed community is a healthy community. Consequently, much time is spent in instructing patients and those who care for them. An example



"What I love most about the Faculty of Health Sciences is the fact that we all work together with the common goal of healing and rehabilitating patients. I love Physiotherapy because of the bonds we get to form with our patients and the impact we have on their lives.

Studying through the Defence Force, Physiotherapy has opened doors for me to work in various military institutions and to travel all over the country. The opportunity I had to be on the Physiotherapy House Committee (2011/12) had an impact on me by helping me develop my leadership skills and preparing me for future leadership positions. My dream is to be a General in the Ancillary Health Office of the South African Defence Force. A Physiotherapy qualification will go a long way in getting me there." ***Fana Zwane (Physiotherapy)***

of this is the training of good posture in adults and children in order to prevent subsequent conditions such as backache and weak backs and abdominal muscles. 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, various homes for the aged in Pretoria, and the Sports Centre of the University of Pretoria.

- **Research**
  Students at undergraduate level are already given the opportunity to become acquainted with the research process under the guidance of staff members. Research is essential for the development of the profession. Therefore, a proactive research environment at undergraduate and postgraduate level in the Department enjoys a high priority.

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) and sports centres. Postgraduate study may be undertaken, leading to a career path in academia as a teacher and researcher.

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Bachelor of Radiography (BRad)

Radiography is a health care science occupation that deals with medical diagnostic images. It is one of the rapidly growing occupations in modern health care. The University of Pretoria offers an undergraduate degree in Diagnostic Radiography and postgraduate degrees in three professional fields: diagnostics, radiation therapy and nuclear medicine. During training, students are exposed to all facets of health care. Training takes place at primary, secondary and tertiary institutions. The Department of Radiography in the Faculty of Health Sciences is one of two departments in South Africa that offer a degree programme in Radiography. Students have the opportunity to interact with other health care professionals and therefore have a better understanding of a holistic approach to patient care and the fact that they are members of the health care team.

Selection

Selection is based on academic merit, the NBT and the Value-added Questionnaire. Other subjects that are useful during the period of study include Life Sciences and Physiology, but these are not compulsory. Prospective students must submit proof of two visits to X-ray department, one in the public sector and one in the private sector. This will also assist them in making the correct career choice. It is highly recommended that students be exposed to various examinations and procedures performed in departments of radiography.

Description of the study programme

BRad is a full-time study programme over four years, followed by one year of compulsory community service.

- **Programme content**
  Students follow an academic and a clinical programme. The academic programme covers approximately 28 weeks of the year, during which students attend lectures and gain practical experience in the clinical sections. Clinical tuition takes place in accordance with academic progress to enable students to assume responsibility for examinations.

The clinical tuition takes place in the departments of radiology of the Steve Biko Academic Hospital, Kalafong Academic Hospital, Pretoria West Hospital, Witbank Hospital, and Tshwane District Hospital, as well as certain private radiological practices. A timetable is drawn up for students to ensure that the compulsory clinical experience necessary for them to gain competency in the various examinations and procedures is completed within the prescribed three years. Students also gain clinical experience after hours. This implies that they may have to practise during weekends and on public holidays such as Christmas, Easter and New Year's Day. It is important that this aspect of the training be approached with the appropriate attitude from the start.

"As I progress into the second year of study in the field of diagnostic radiography, I cannot feel more satisfied with Radiography as the career I have chosen. The Radiography study programme encompasses various aspects like anatomy, physiology and physics, as well as specific technical and imaging studies. I find this holistic approach very fulfilling. The integration of theory and clinical practice allows me to have a better understanding and it is effective in assisting me to understand and apply knowledge into a variety of "normal" and "complicated pathological conditions". I really love working with people and Radiography is a profession that enables me to meet and help people from different walks of life. This makes each day at the hospital a new experience. There is no room for boredom in Radiography as it has a large variety of specialisation fields that one can branch into immediately after qualifying as a radiographer. To study Radiography you need to be very dedicated to working hard, burning the midnight oil and being willing to sacrifice your time for the benefit of the community. On completion of my degree I want to specialise in ultrasound and mammography.

Radiography... giving normal people x-ray vision since 1895."

Raeesa Murray (second-year in Diagnostic Radiography)

Students have to register with the Health Professions Council of South Africa (HPCSA) before starting to practise as student radiographers. The Council sets certain requirements for academic knowledge and clinical experience to be gained during the student's training, and this is a prerequisite for registration as a qualified radiographer.

Personal characteristics of a radiographer include the genuine desire to help sick and injured patients. In the course of a day, many decisions regarding patient care are taken. Self-discipline, accuracy and responsibility will assist the radiographer in dealing with any situation. The radiographer should enjoy good health, since the work entails a lot of physical movement while supporting and assisting patients and manipulating the equipment.

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-rays are used to form the image on film. X-ray procedures are of varying complexity and range from simple skeletal examinations to sophisticated high-technology examinations where 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 undergraduate and postgraduate level.

- **Radiotherapy and nuclear medicine**
  Radiotherapy entails the use of high-energy radiation and ultrasound used mainly for the imaging and treatment of cancer. Nuclear medicine entails the administration of the radiopharmaceutical into the patient so as to demonstrate the physiology and cancerous conditions. The University of Pretoria offers this specialisation at honours level. These categories of radiography are performed at tertiary hospitals and bigger private health care centres, including those with ultrasound facilities.

Career opportunities

The qualified diagnostic radiographer may be employed by the following organisations:

- urban and rural hospitals
- private clinics and hospitals
- the South African National Defence Force
- mining companies
- private radiology practices
- training bodies
- specialised units, such as angiography, computer tomography, magnetic resonance and ultrasound
- companies supplying apparatus and equipment

Radiographers in all categories may also occupy managerial posts or establish their own practices. Postgraduate study in each area may be undertaken, leading to a career path in academia as a teacher and researcher.

For career progression in each category, there are opportunities to do master's and doctoral studies.

Contact information

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Ms Mable Kekana
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Fax: +27 (0)12 354 1218
Email: mable.kekana@.up.ac.za

Bachelor of Nursing (BCur)

The Department of Nursing Science at the University of Pretoria started the first undergraduate training of nursing scientists in South Africa in 1956. The Department is therefore a pioneer in the nursing profession in South Africa, and trailblazing work is done to keep pace with new technology and changes in the profession. The Department of Nursing Science strives for excellence in its teaching and research programmes, and its focus is on the promotion of the intellectual, cultural and personal development of all its students. Both women and men may successfully follow the course to meet the health needs of the community. A considerable number of former University of Pretoria nursing scientists currently occupy managerial posts in South Africa.

Selection

Admission to the course is subject to departmental selection. Selection is based on academic merit, the NBT, the Value-added Questionnaire and a personal interview. Mathematics, Physical Science and Life Sciences are recommended subjects and might be useful during the study period. These subjects are not compulsory.

Description of the study programme

Being a nurse means being part of the large team of professional workers dedicated to rendering health services to the community. It requires being prepared to understand, accept and trust people whose way of life, beliefs, values and cultures may differ from one's own and to serve them and care for them with one's knowledge and personal aptitude. Nursing science equips students to serve others and enrich their lives. The name of the degree means "caring". The course covers four years of full-time study, and prepares students for the following career fields:

- **General nursing**
  Caring for people in different situations, such as in hospitals, clinics and private practices.

- **Community nursing**
  This is aimed at primary health. It includes the prevention of diseases and the promotion of health, the rendering of clinical nursing services and the rehabilitation of people in the general community.

- **Psychiatric nursing**
  The emphasis is on the mental health of individuals, families and the community.

- **Midwifery**
  In this field, the emphasis is on meeting the unique physical, psychological and mental needs of a woman and her baby in the family and the community.

Clinical learning experience is gained mainly at the Steve Biko Academic Hospital. Students are also placed with other health services for appropriate and extensive exposure to practical nursing. This entails working fixed hours during the semester and also spending certain holiday periods doing actual nursing. Students register with the South African Nursing Council (SANC) as student nurses.

Programme content

The syllabus consists of subjects that form the basis of nursing, namely those in social, biological and nursing sciences. The subjects in the various sciences are presented by experts at the University of Pretoria. A modular, outcomes-based approach is followed. Refer to the Yearbook for further information.

Career opportunities

Graduates can work in various hospitals and clinics in the community and also run private nursing practices. The government and the private sector 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

BCur contact information
Ms Christelle Boersema
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Ms Varshika Bhana
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Email: varshika.bhana@up.ac.za

BCur (I et A) contact information
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Fax: +27 (0)12 354 1490
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Ms Celia Filmalter
Tel: +27 (0)12 354 2131
Fax: +27 (0)12 354 1490
Email: celia.filmalter@up.ac.za

General information

Faculty-specific information

Tel: +27 (0)12 354 1392 (Rob Cooper)
Email: rob.cooper@up.ac.za
Location: HW Snyman Building, Prinshof Campus

Client Service Centre contact details

Tel: +27 (0)12 420 3111
Email: csc@up.ac.za
Website: www.up.ac.za
Parent's page: www.up.ac.za/parents
Location: University of Pretoria, cnr Lynnwood Road and Roper Street, Hatfield
Postal address: University of Pretoria, Private bag X20, Hatfield 0028

GPS coordinates of UP campuses

Hatfield: S25º 45' 21" E28º 13' 51"
GIBS: S26º 07' 46" E28º 02' 46" (56 km from Hatfield Campus)
Groenkloof: S25º 46' 10" E28º 12' 34" (3.5 km from Hatfield Campus)
LC de Villiers: S25º 45' 10" E28º 14' 46" (1.2 km from Hatfield Campus)
Mamelodi: S25º 43' 22" E28º 23' 56" (12 km from Hatfield Campus)
Onderstepoort: S28º 10' 54" E25º 38' 52" (22 km from Hatfield Campus)
Prinshof: S25º 43' 57" E28º 12' 10" (6 km from Hatfield Campus)

UP banking details

Absa	Standard Bank
Branch: Hatfield	Branch: Hatfield
Branch code: 632005	Branch code: 011545
Account number: 214 000 0054	Account number: 012 602 604
Swift code: ABSAZAJJ	Swift code: SBZAZAJJ

Welcoming Day and the Programme for Registration and Start of the Academic Year

Attendance of the Welcoming Day on Saturday, 18 January 2014 and the programme for registration and start of the academic year is compulsory for all new first-year students. This programme has been designed to assist students with their academic preparedness, enabling them to successfully make the adjustment from high school to university.

Applications

New students may only register after successful admission. If provisionally admitted, they will still have to comply with the requirements of the faculty in which they wish to register with the end examination results of their final school-year[1]. Thus, new students will only be permitted to register once their application and admission processes have been approved. Provisional admission is based on the results obtained in the Grade 11 end examination. Please take note that the end examination results of the final school-year remain the determining

[1] The end examination results of the final school-year refer to the examination results regarded by Higher Education South Africa (HESA) as the minimum requirement for tertiary study in South Africa.

factor for admission. Furthermore, please note that the achievement of the minimum requirements does not necessarily guarantee admission to any study programme.

Late applications
Before you submit a late application, please contact the Faculty Administration Office to ensure that there is still space available. If the study programme is not subject to selection and if the Faculty still has space available, your application will be considered. Late applications are only accepted on condition that all the admission requirements for the relevant study programmes are fully complied with. Should you not comply with the requirements, your application will not be considered. Application fees will not be refunded.

Admission (new first-year students)

- If you have been provisionally admitted to the University, the end examination results of your final school-year must still comply with the admission requirements for the study programme to which you were provisionally admitted. If the end examination results of your final school-year do not comply with the admission requirements, contact the relevant Faculty's Student Administration Office with regard to your admission status.
- If you have been placed in a residence, please refer to your placement letter for occupation dates.
- If you have been provisionally admitted to a residence, but the end examination results of your final school-year are lower than the admission requirements, you may not move into the residence until the relevant Faculty's Student Administration Office has confirmed your admission. Admission in such cases is not guaranteed.
- If you apply to have some of your final school-year subjects re-marked, and you do not comply with the minimum admission requirements based on your current results, you will not be allowed to register in the interim. Re-marked results are only available in February and in terms of the University's policy such marks will not be taken into consideration. You are welcome to apply for the next academic year.

National Benchmark Test (NBT)

The National Benchmark Test is not compulsory for all study programmes. Please refer to the relevant study programmes in this brochure. Please note that the Academic Literacy Test does not replace the National Benchmark Test.

Contact information
Tel: +27 (0)21 650 3523
Website: www.nbt.ac.za

The calculation of the Admission Point Score (APS) is based on a candidate's achievement in any six recognised 20-credit subjects (not only designated subjects) by using the seven-point rating scale below. Life Orientation is excluded from the calculation of the APS.

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

Language policy and medium of instruction

In conducting its business, the University uses two official languages: English and Afrikaans. In formal education, the medium of instruction is English or Afrikaans, or both of these languages – provided that there is a demand and that it is academically and economically justifiable. However, it remains the student's responsibility to ascertain on an annual basis in which language a module and any further level of that module is presented. In respect of administrative and other services, students have the right to choose whether the University should communicate with them in English or Afrikaans.

Academic Information Management (AIM)

- Academic Information Management modules (AIM 101 or both AIM 111 and AIM 121), depending on your study programme, are compulsory for all new first-year students.
- AIM 101 will be presented in the first or second semester, depending on your study programme.
- AIM 111 will be presented in the first semester and AIM 121 in the second semester.
- There are no exemption examinations available for AIM 101 or AIM 111 and AIM 121.

Academic literacy for first-year students

An inadequate level of academic literacy can impact negatively on a student's chances of academic success. The University of Pretoria has processes in place to identify students who might need development. This is done by way of evaluating Grade 12 marks in English or Afrikaans or the results of the Academic Literacy Test. Full details will be communicated to all admitted students in the information brochure for the programme for registration and start of the academic year, which is distributed in November or December. If you are required to write the test, time will be scheduled in the programme. If your Grade 12 English or Afrikaans marks are to be used, the Faculty's Student Administration Office will register you for the appropriate study programme as identified by your Faculty.

Please note that the Academic Literacy Test does not replace the National Benchmark Test (NBT).

Bursaries, awards and loans (financial aid)

The University reserves the right to amend, without prior notice, the regulations and conditions applicable to bursaries, awards and loans. Students who are interested in the support bursaries and loans administered by the University should submit an application via the University's website www.up.ac.za/feesfunding. This is, however, not applicable to achievement awards as a different process is followed in this regard.

Contact information
Website: www.up.ac.za/feesfunding

Information on study costs, accounts and financial aid is published on the University's website at www.up.ac.za/feesfunding and in the Fees and Funding brochure available at the Client Service Centre.

Sports bursaries
Sports bursaries are available, subject to various conditions, to sports achievers who obtained at least provincial colours in selected sport. It is expected of these students to actively participate in this sport for a UP Club while studying at the University. The closing date for applications is 30 September of the year preceding commencement of study. Bursary application forms are available from the Sports Centre.

Contact information

Tel: +27 (0)12 420 6060
Email: sportinfo@up.ac.za
Website: www.up.ac.za/sport

Other bursary options

You may also visit the following websites for information on bursaries:

- www.up.ac.za/feesfunding
- www.gostudy.mobi, which lists bursaries according to field of study
- http://bursary.hcifoundation.co.za
- The Bursary Register:
  Tel: +27 (0)11 672 6559
  Email: slevin@mweb.co.za

Edu-loan

Edu-Loan is a registered credit provider, allowing access to study loans for employees as well as full-time students. A student loan can include a whole range of student-related necessities such as books, accessories, laptops, university and private accommodation, as well as study tuition with a fixed monthly instalment.

Anyone (students, parents or guardians) can apply for a loan, provided that the applicant is in full-time employment or has a registered business.

Contact information

Tel: +27 (0)12 420 5175/2161 or
+27 (0)86 632 8882/3
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Location: R1-13 Student Centre
Business hours: 08:00–16:00

Guaranteed undergraduate achievement awards: 2015

Learners do not apply for the achievement awards below. These awards are awarded based on academic achievement.

Qualifying average percentage	Faculty of Engineering, Built Environment and Information Technology and Faculty of Natural and Agricultural Sciences	Faculty of Health Sciences and Faculty of Veterinary Science	Other faculties
75%–79.99%	R6 000	–	–
80%–89.99%	R15 000	R6 000	R15 000
90%–100%	R40 000	R20 000	R40 000

Note: The University of Pretoria reserves the right to amend award values without prior notice. Please refer to www.up.ac.za/feesfunding for the criteria applicable to the above achievement awards.

Other achievement awards: 2015

Learners do not apply for the following two awards. These awards are awarded based on academic achievement. Only students with South African citizenship or permanent residency in South Africa are considered for these awards.

Description	Award value	Faculty	Notes
JuniorTukkie Grade 11 Empowerment Programme (15 awards)	R13 600	• Natural and Agricultural Sciences • Health Sciences • Engineering, Built Environment and Information Technology	The 15 learners with the best Grade 12 results who attended the JuniorTukkie Grade 11 Empowerment Week, will each receive an amount of R13 600.
Grade 12 dux learner (top academic achiever in Grade 12) at selected feeder schools (one award per school)	R5 000	Any faculty	The final decision regarding the selection of schools for this award rests with the University of Pretoria.

Note: The University of Pretoria reserves the right to amend award values without prior notice. Please refer to www.up.ac.za/feesfunding for the criteria applicable to the above achievement awards.

Contact information

Tel: +27 (0)12 420 3111
Email: csc@up.ac.za
Website: www.up.ac.za/feesfunding
Location: Hatfield Campus
Postal address: Client Service Centre
University of Pretoria
Private bag X20
Hatfield 0028

Special offer for academic achievers

Please take note of a special offer for top academic achievers based on average percentages obtained in the end examination of the final school-year. This special offer is only applicable to new first-year students who obtained 75% or more in the end examination of their final school-year. For more information on the University's special offer to new first-year students, visit www.up.ac.za/admissioninfo

Fees

For the estimated tuition fees for 2014 in this Faculty, please consult www.up.ac.za/feesfunding. All amounts are subject to change and should not be considered to be the final cost. The rate of inflation during 2014 can be used as a guideline to estimate the increase in tuition fees for 2015.

Payments, rebates and pay-outs

The fees below are for 2014 unless otherwise indicated.

Description	Amount payable	When to pay	Notes
Application fee	R300 (for 2015)	This fee is payable with submission of application for studies.	This fee is non-refundable.
Registration fee • Payable prior to registration • Also payable every subsequent year before registration	R4 600	**Selection study programmes** This fee is payable WITHIN 30 days of placement to reserve your study place.	• The registration fee forms part of the tuition fees and is an initial payment towards the tuition fees. • R950 of the R4 600 will be retained for cancellations made WITHIN 30 days after placement. • R2 300 of the R4 600 will be retained for cancellations made MORE THAN 30 days after placement.
		All other study programmes The fee is payable at least 5 days before registration in January/ February.	• The registration fee forms part of the tuition fees and is an initial payment towards the tuition fees. • This fee is fully refundable if the student does not register.
International levy for all non-South African citizens	R2 500	This levy is payable before registration in January/February.	This levy is fully refundable if the student does not register.
Tuition fees	Refer to www.up.ac.za/ feesfunding	• Half (50%) of the student account is payable before or on 30 April. • The full (100%) student account is payable before or on 31 July.	• Accounts are available on the UP Portal (Student Centre) after registration. • Accounts are mailed monthly, starting March.
Discount for early payment		A discount of 2.5% is granted if the student account is paid in full by 30 April.	
Family rebate	• Two students – 10% rebate is granted on the tuition fees for each of the students. • Three or more students – 20% rebate is granted on the tuition fees for each of the students.	Apply before 31 March.	• This rebate is only applicable on tuition fees. • Students must apply annually. • Students must apply in writing. • The 2.5% discount for early payment will not be given on the family rebate • Application forms are available on www.up.ac.za/feesfunding or at the Client Service Centre.
Summer School and **Winter School**	Full tuition fees are payable for the modules taken.	Fees are payable with the rest of the student account.	When modules are repeated, the full tuition fee will be charged again.
Fees paid by bursars	• Bursaries may or may not cover the full costs of study. • Ensure that you are aware of the full value of your bursary.	External companies or other institutions that sponsor students with bursaries, need to make the required payments to the students' accounts by the same dates as if the students were paying the accounts themselves. • Half (50%) of the student account is payable before or on 30 April. • The full (100%) student account is payable before or on 31 July.	• Students must submit written proof from the sponsors of the bursary awarded to them prior to registration, otherwise the registration fee will be payable by the student. • Students remain responsible for their student accounts if their bursary sponsor does not pay the account.
Credit balances	Amounts in credit on your account are payable.	Payment depends on the source of the credit balance.	The Refund form is available on www.up.ac.za/feesfunding or at the Client Service Centre (CSC).
Other living costs	These costs are not included on the account.	Payment should be done as required, for example books, food, travel, stationery, printing and internet.	Students should manage these costs themselves.
Cancellation fees Discontinuation of studies and discontinuation of a module	Refer to www.up.ac.za/ feesfunding.	Payment of these fees are determined by the official date the University was notified in writing of the discontinuation.	In cases where discontinuation is due to the hospitalisation or death of a student, cancellation fees may be waived if sufficient proof is provided.

"One aspect of the Nursing programme I really appreciate is that we gain both theoretical knowledge and practical skills, as we have the opportunity to immediately implement our newly acquired knowledge in the hospital. During the four years of the study programme, students are required to gain practical experience in different fields of nursing – which I found was not only helpful in choosing my elective, but also instrumental in shaping my professional and personal character. The Nursing Department is quite small. As a result, lecturers and students get to know one another really well. I have found that the lecturers are always willing and available to provide support, guidance and mentorship – both within the classes and in the clinical field during our practical hours. Thanks to their guidance, I have been able to explore the different aspects of nursing and discovered in which particular field my passion lies." ***Laura van Zyl (BCur IV)***

Accommodation on UP campuses

Campus	Single rooms (2014 amount)*	Double rooms (2014 amount)*
Hatfield		
Ladies' residences: Asterhof, Erika, Jasmyn, Katjiepiering, Madelief, Klaradyn, Magrietjie, Nerina	R29 700	R27 500
Ladies' residence: Nerina (new wing)	R33 100	
Men's residences: Kollege, Maroela, Mopanie, Taaibos	R29 700	R27 500
Men's residences: Boekenhout, Olienhout	R32 000	R29 700
Men's and ladies' residence: TuksVillage	R33 100	
Groenkloof		
Ladies' residences: Zinnia, Lilium, Inca	R29 700	R27 500
Men's residence: Kiaat	R29 700	R27 500
Mamelodi		
Men's and ladies' residence: Tuks Naledi		R27 500
Onderstepoort		
Men's and ladies' residence: Onderstepoort	R29 700	R27 500
Men's and ladies' residence: Onderstepoort (new wing)	R36 000	
Prinshof		
Ladies' residence: Curlitzia	R29 700	R27 500
Men's residence: Olympus	R31 500	
Men's and ladies' residence: Hippokrates (single room)	R39 100	

*Amounts will be adjusted for 2015.

Contact information

Tel: +27 (0)12 420 3111
Email: csc@up.ac.za
Website: www.up.ac.za/accommodation
www.up.ac.za/feesfunding

Private accommodation

The University can unfortunately not provide accommodation to all applicants, as the demand exceeds the available places. The following private facilities may be considered for alternative private accommodation:

Private accommodation in the vicinity of Hatfield Campus

Accredited men's residence	Telephone number	Email and/or website
Sonop	+27 (0)12 460 5723/7830	toniev@sonop.org.za
Accredited accommodation	**Telephone number**	**Email and/or website**
Midcity	+27 (0)12 426 3400 +27 (0)82 887 4165	www.midcity.co.za
South Point	+27 (0)80 078 833 687	www.staysouthpoint.co.za
The Fields (City Property)	+27 (0)12 362 4473/4504	propworld@cityprop.co.za
Urban Nest	+27 (0)12 343 5138	info@urbannest.co.za

Private accommodation in the vicinity of Prinshof Campus

Accredited accommodation	Telephone number	Email and/or website
Craig's Place (City Property)	+27 (0)12 319 8700	propworld@cityprop.co.za
Jakaranda Lodge	+27 (0)12 330 2424	bookings@jaklodge.co.za

Alternative private accommodation

Accredited accommodation	Telephone number	Email and/or website
190 On-Suite	+27 (0)12 322 0277 +27 (0)82 551 8676	conradk@mmaphuti.co.za www.mmaphuti.co.za
Arlon Property	+27 (0)12 362 5499/1868	arlon@icon.co.za
Off Campus Rental	+27 (0)12 362 6123 +27 (0)83 438 2548	ocrental@telkomsa.net

UP Open Day

Date: 24 May 2014
Time: 08:00-14:00

The following persons should attend the UP Open Day:

- Grade 12 learners (final school-year) who have received confirmation that they have been provisionally admitted to a study programme
- Grade 12 learners (final school-year) who meet the admission requirements and wish to hand in their application forms
- Grade 11 learners who are fairly certain that they will apply at UP
- the parents of the abovementioned learners

Sport

Sport represents a significant part of student life. The University of Pretoria provides students with opportunities to participate in a variety of sporting disciplines at club, national and international level. The University also boasts excellent sports facilities, which are highly regarded both nationally and internationally.

The LC de Villiers Sports Grounds are centrally located and are easily accessible to students. TuksSport has a large number of sports clubs and is currently the largest source of athletes for a variety of sports disciplines and national teams. TuksSport forms a vital part of the UP experience. You are therefore encouraged to choose the University of Pretoria for an outstanding sports and academic career.

Contact information

Tel:	+27 (0)12 420 6060
Fax:	+27 (0)12 420 6095
Email:	sportinfo@up.ac.za
Website:	www.up.ac.za/sport

High Performance Centre (hpc)

The University of Pretoria's High Performance Centre (hpc) is Southern Africa's first elite performance sports facility.

Contact information

Tel:	+27 (0)12 362 9800
Fax:	+27 (0)12 362 9890
Email:	info.hpc@up.ac.za

TuksSport High School

Tel:	+27 (0)12 343 4527
Fax:	+27 (0)86 636 4019
Location:	TuksSport Study Centre Technical Building (Building 5) Groenkloof Campus cnr Leyds Street and George Storrar Drive, Groenkloof

Student Affairs

The Student Affairs offices are located in the Roosmaryn Building on the Hatfield Campus. The Department of Student Affairs has two divisions: Student Support and Student Development.

Student Support Division

This division includes student health, student counselling and the Unit for Students with Special Needs.

Services provided by the Student Support Division include the following:

- academic development (career counselling and assessment, study methods and reading courses, stress management, psychometric testing, time management and career planning)
- potential development (conflict management, communication skills, goal setting and problem solving)
- individual and relationship counselling (interpersonal problems, stress, depression, eating disorders, life trauma, emotional problems and the development of life skills)

Contact information

Tel (office hours):	+27 (0)12 420 2333
Tel (after hours):	+27 (0)12 420 2310/2760
24-hour crisis line:	+27 (0)80 000 6428 (toll free)
Email:	ethel.motlhamme@up.ac.za
Location:	Student Centre (opposite Pie City) Hatfield Campus
Office hours:	07:30–16:00

Groenkloof Campus

Tel:	+27 (0)12 420 5687
Location:	R505 Sports Centre

Hatfield Campus

Tel:	+27 (0)12 420 2333
Location:	Student Centre (opposite Pie City)

Mamelodi Campus

Tel:	+27 (0)12 842 3724
Location:	Student Health Centre

Onderstepoort Campus

Tel:	+27 (0)12 529 8476
Location:	Arnold Theiler Building (Student Administration Offices)

Prinshof Campus

Tel:	+27 (0)12 420 2333
Location:	8th floor Basic Medical Sciences Building

Student Development Division

This division includes all student governance structures and organised student life initiatives:

- Student Forum (SF)
- Student Representative Council (SRC)
- Constitutional Tribunal (Student Court)
- day houses
- faculty houses (www.up.ac.za/facultyhouses)
- over 100 religious, cultural, academic, political and other societies
- Tuks Top Junior/Senior and ENACTUS UP
- Mentorship programme
- service providers:
  - TuksRAG (Reach Out and Give)
  - Stuku (student culture)
  - *Perdeby* (student newspaper)
  - Tuks FM (campus radio station)
  - Student Sport

Contact information

Tel:	+27 (0)12 420 6600/1411
Location:	Roosmaryn Building Hatfield Campus

Day houses

If you are not living in a residence, but would like to have a great student life, then you should consider joining one of the day houses on campus. This will give you the opportunity to take part in organised student life activities such as rag and sport, as well as cultural and social events.

You can join one of the official day houses: Vividus Men, Vividus Ladies, Zeus or Luminous. An annual membership fee is payable. Don't miss out – be sure to sign up with the day house of your choice!

Contact information

Website:	www.up.ac.za/dayhouses

Faculty houses

By default, all students (day and residence students) belong to the faculty house of the faculty in which they are registered. Faculty houses have an academic focus and play an important role in linking students and lecturers in the faculty.

There are no membership fees payable to join a faculty house, but students have the option to purchase items such as T-shirts or to attend camps and other events for which fees are charged. Typical activities include personal and professional as well as development opportunities, such as presentations by speakers on various topics and excursions to relevant industries. Faculty houses are also involved in various community service projects. Some faculty houses participate in sport leagues.

The faculty house also serves as a link with the class representative system in the faculty.

Contact information

Website: www.up.ac.za/facultyhouses

Library services

The Department of Library Services is host to a world-class modern academic research library network spread over the campuses of the University. This service is aligned to the University of Pretoria's faculties with customised services for undergraduates, postgraduates, staff, alumni and visiting academics. All services are designed to create a gateway to global information and support learning, teaching and research through interaction with professional staff.

Key initiatives include an e-service (online), access to wide-ranging print and electronic collections, the Learning Centre at the Merensky Library and online assignment support for undergraduate students, an online reference service (Ask-a-Librarian), wireless hot spots, search engines to access electronic journals, books and databases, electronic theses and dissertations, an institutional repository, various audiovisual materials, dedicated facilities for the physically challenged and postgraduates, and interlending library facilities to national and international collections. All of these actively contribute to a world-class learning environment.

Contact information

Website: www.library.up.ac.za and
www.library.up.ac.za/mobi

International students

All non-South African citizens must report to the International Students Division in the Client Service Centre on the Hatfield Campus prior to registration. The Client Service Centre will be open from 6 January 2014.The international students' special orientation programme will take place on 17 and 19 January 2014. Students can obtain more information from the International Students Division in the Client Service Centre.

Non-South African citizens will have to submit proof of legal status in South Africa, as well as proof of adequate medical aid cover at the International Students Division in the Client Service Centre before they will be able to register.

Contact information

Tel: +27 (0)12 420 3111
Email: csc@up.ac.za
Website: www.up.ac.za/ISD
Location: Client Service Centre
Hatfield Campus

Supporting documents

Please note that students must have photocopies ready before going to the International Students Division in the Client Service Centre. Copies can be made at the Xerox Copy Centre in the Student Centre on the Hatfield Campus.

All non-South African citizens will have to show their original documents and submit two photocopies of the documents listed below:

- the International Students Information form, completed and signed
- a valid passport or an ID (in the case of students with permanent residence in South Africa)
- a valid study permit endorsed for studies at the University of Pretoria or one of the following:
  - an asylum-seekers permit
  - a Certificate of Refugee Status
  - a diplomatic passport (not a diplomatic card) and a diplomatic permit
- proof of medical cover (medical cover must be paid a year in advance, January to December)

The abovementioned documents must be submitted to an international consultant and the information must be captured before you can register.

Study permit

Every non-South African citizen is required to have a valid passport and temporary residence permit, such as a study permit, endorsed for studies at the University of Pretoria. Non-South African citizens wishing to enter South Africa should only apply for study permits once an official letter of admission has been received.

How to apply for a study permit

You are required to apply for a study permit at the South African High Commission, Embassy, Consulate or Trade Mission in your country of residence or the nearest South African High Commission, Embassy, Consulate or Trade Mission. The SADC countries are Angola, Botswana, DR Congo, Lesotho, Malawi, Mauritius, Mozambique, Namibia, Seychelles, South Africa, Swaziland, Tanzania, Zambia and Zimbabwe.

The following documents should be submitted to the South African Embassy or Consulate in order to obtain your study permit:

- a passport valid for not less than 30 days after the intended study period
- proof of payment of an administrative fee (as required at the time by the Department of Home Affairs of South Africa)
- confirmation of South African medical cover and proof of payment of membership fee to a medical aid scheme registered with the Council for Medical Schemes in South Africa. Cover must be valid for the duration of one academic year (January to December)
- an admission letter from the University stating the following:
  - the duration of the study programme;
  - confirmation that the admitted student is not taking the place of a local student; and
  - undertaking to inform the Department of Home Affairs if the student deregisters.
- a medical report (less than six months old) by a registered medical practitioner
- a radiological report (less than six months old)
- proof of the availability of funds to cover tuition fees and self maintenance for the duration of studies in South Africa
- a police clearance certificate for the past six months or longer if the applicant is older than 18 years of age
- details regarding arranged accommodation while in South Africa

Other documents that may be required are the following:
- a yellow fever vaccination certificate
- a certificate or other documentary proof of marital status (eg married, widowed, divorced or separated)

Repatriation guarantee
A cash deposit equal to a return ticket to the country of origin (repatriation guarantee) may be required.

Change of institution (study permit holders)
The University may only register a student for academic studies once the prospective applicant has produced a valid study permit. It usually takes at least six weeks for an application to be processed. It is also important to note that a study permit is issued to study at one institution and a student would have to apply for a change of conditions, should they want to change institutions. This can be done in South Africa in the municipal area applicable to the new institution of study.

Before applying for this permit, a student must obtain a release letter from the current institution, stating that this institution has no objections to the transfer.

Change of conditions (study permit holders)
A change to the conditions of a study permit should be available in a situation where a student holds a valid study permit with a condition to study at another institution in South Africa (other than the one the student is applying to). This is usually the case with learners and students studying at South African high schools, colleges and other academic institutions. Their permits would therefore need to be endorsed with a condition to study at the institutions mentioned above. In order to register at the University of Pretoria, the permit will need to be endorsed for the applicant to study at the University of Pretoria. Application for a change to the conditions of a study permit constitutes a new application for a study permit. Although the applicant will need to complete a separate form, the requirements are the same as those for the initial application for a study permit.

Please note the following:
- These forms are available on the internet (www.home-affairs.gov.za). They can also be collected at any South African visa-issuing authority (Department of Home Affairs offices, consulates or embassies).
- This information is meant to serve as a guide only. Requirements for studying in South Africa are subject to change and each application is treated as an individual case. Always make enquiries before travelling to South Africa.
- The holder of a study permit for studies at a higher education institution may conduct part-time work, but the period for undergraduate students may not exceed 20 hours per week; and for postgraduate students the period may not exceed 20 hours per week, for as long as their study permits are valid.

Medical cover for study permit holders
Non-South African citizens who are holders of study permits, or who wish to apply for a study permit must, in terms of South Africa's Immigration Act, have sufficient medical aid cover for the duration of their stay in South Africa. Non-South African citizens intending to study at the University of Pretoria can join one of the following medical aid schemes:

Momentum Health (Ingwe option)
Membership fees are payable in advance annually.

Tel:	+27 (0)12 671 8511
Email:	studenthealth@momentum.co.za
Website:	www.ingwehealth.co.za

BestMed Medical Scheme (Blueprint student option)
Membership fees are payable in advance annually.

Tel:	+27 (0)12 339 9800 or +27 (0)86 000 2378 or +27 (0)86 000 BEST
Fax:	+27 (0)12 323 4106 or +27 (0)12 339 9900
Email:	lineyl@curemed.co.za

Higher Education South Africa (HESA)
A full or foreign conditional exemption certificate is a prerequisite and applicable to non-South African citizens and to students who do not have a South African National Senior Certificate (NSC) qualification or Independent Examination Board (IEB) qualification and who want to enrol for undergraduate studies at the University of Pretoria. This certificate can only be obtained from HESA.

HESA requires the following documentation when applying for a full or foreign conditional exemption certificate:
- copies of foreign qualifications certified as correct by the registrar of a South African university, a South African Embassy or Consulate in a foreign country or a public notary – result slips, faxes and copies certified by a commissioner of oaths are not acceptable
- a certified copy of your South African identity document (in the case of permanent residents only) or a valid foreign passport reflecting your full names and date of birth, passport number and photograph or a certified copy of your birth certificate
- a completed M30E form (http://hesa-enrol.ac.za – follow the link to Applications)

Contact information

Tel:	+27 (0)10 591 4401/2
Fax:	+27 (0)12 481 2922/2718
Email:	exemptions@hesa-enrol.ac.za
Website:	www.hesa.org.za
Location:	Building 3 Level 1 Unisa Sunnyside Campus Pretoria
Postal address:	PO Box 3854 Pretoria 0001

South African Qualifications Authority (SAQA)
Postgraduate applicants must have all previous post-school qualifications evaluated by SAQA when applying for postgraduate study programmes at the University of Pretoria.

Contact information

Call centre:	+27 (0)12 431 5000/70
Helpdesk:	+27 (0)86 010 3188
Fax:	+27 (0)12 431 5039
Website:	www.saqa.org.za
Location:	SAQA House 1067 Arcadia Street Hatfield
Postal address:	Postnet Suite 248 Private bag X06 Waterkloof 0145

Evaluation of foreign qualifications:

Tel:	+27 (0)12 431 5070
Helpdesk:	+27 (0)86 010 3188

Admission Point Score (APS) conversion

The following tables can be used to convert your marks/symbols into an Admission Point Score (APS) when applying for studies at the University of Pretoria (UP).

Admission Point Score (APS) Conversion Table

APS (requirement level for subjects as well as overall APS)	NSC/IEB	SC HG M-score	SC SG M-score	HIGCSE NSSC HL	AS-Level	IB SL	IGCSE/ GCSE/ NSSC OL/ O-Level Grade 11*	IGCSE/ GCSE/ NSSC OL/ O-Level Grade 12**
7	7 (80–100%)	A		1	A	7	A	
6	6 (70–79%)	B	A	2	B	6	B	
5	5 (60–69%)	C	B	3	C	5	C	A
4	4 (50–59%)	D	C	3	D	4	C	B
3	3 (40–49%)	E	D	4	E	3	D	C
2	2 (30–39%)	F	E			2	E	D/E
1	1 (0–29%)	G	F			1	F	F/G

Admission Point Score (APS) Conversion Table only for Cambridge Advanced Level and IB Higher Level

APS		A-Level	IB HL
Requirement level for subjects	Requirement level for overall APS		
7	10	A	7
6	8	B	6
5	7	C	5
4	6	D	4
3	5	E	
2	4		
1	3		

NSC – National Senior Certificate (completed Grade 12 in and after 2008)
IEB – Independent Examination Board
SC HG – Senior Certificate Higher Grade (completed Grade 12 before 2008)
SC SG – Senior Certificate Standard Grade (completed Grade 12 before 2008)
HIGCSE – Higher International General Certificate of Secondary Education
A-Level – Advanced Level
AS-Level – Advanced Subsidiary Level
IB – International Baccalaureate Schools (Higher Levels and Standard Levels)
IGCSE – International General Certificate of Secondary Education
GCSE – General Certificate of Secondary Education
NSSC – Namibia Senior Secondary Certificate
O-Level – Ordinary Level

*Grade 11 = IGCSE/O-Level: APS conversion for Grade 11 equivalent qualifications only and for conditional admission and selection purposes

**Grade 12 = IGCSE/O-Level: APS conversion for Grade 12 equivalent qualifications – not for final admission and must be taken together with Advanced Subsidiary Level and Advanced Level for exemption purposes

"This is the time. You are thinking of picking up the baton in the race to become a doctor. As a fellow student who is starting to catch a glimpse of the finishing line of university life on the distant horizon, I'd like to leave you with a sense of encouragement, hope and courage, and a little bit of "insider information" as you make your way to the starting line. Change is inevitable and even though it's daunting, change inspires one to branch out of one's comfort zone, giving one an opportunity to grow. "Being unsure" is normal, so instead of scoping out the action from the sideline, it's time to tap yourself on the head and say "Open Sesame" to your mind.

As competitive as I think most of you are, look at your classmates, not as rivals, but as team members who will help you reach your goal. Don't be tempted to compare your studies to a sprint, but rather a race of endurance, relying only on yourself to get to the end, is not only foolish, but unamusing and lonely too. Although it is good to keep your destination in mind, your time on the track is precious too – so enjoy it! It is really marvellous! There is so much more to University life than sitting in class and eagerly soaking up information. You can start changing and relishing your environment by joining a society, activity or getting involved in what is going on around you. The world is your oyster.

Time is the most precious and scarcest commodity in the world. Manage it, invest it, treat it like a lover and you will have a chance to embrace every sphere of your life. Don't let it slip through your fingers.

"… Don't let the noise of others' opinions drown out your own inner voice. Most importantly, have the courage to follow your heart and intuition. They somehow already know what you truly want to become. Everything else is secondary." – Steve Jobs"

Jadine du Plessis (Chairperson of Pulse and Member of Health House)