

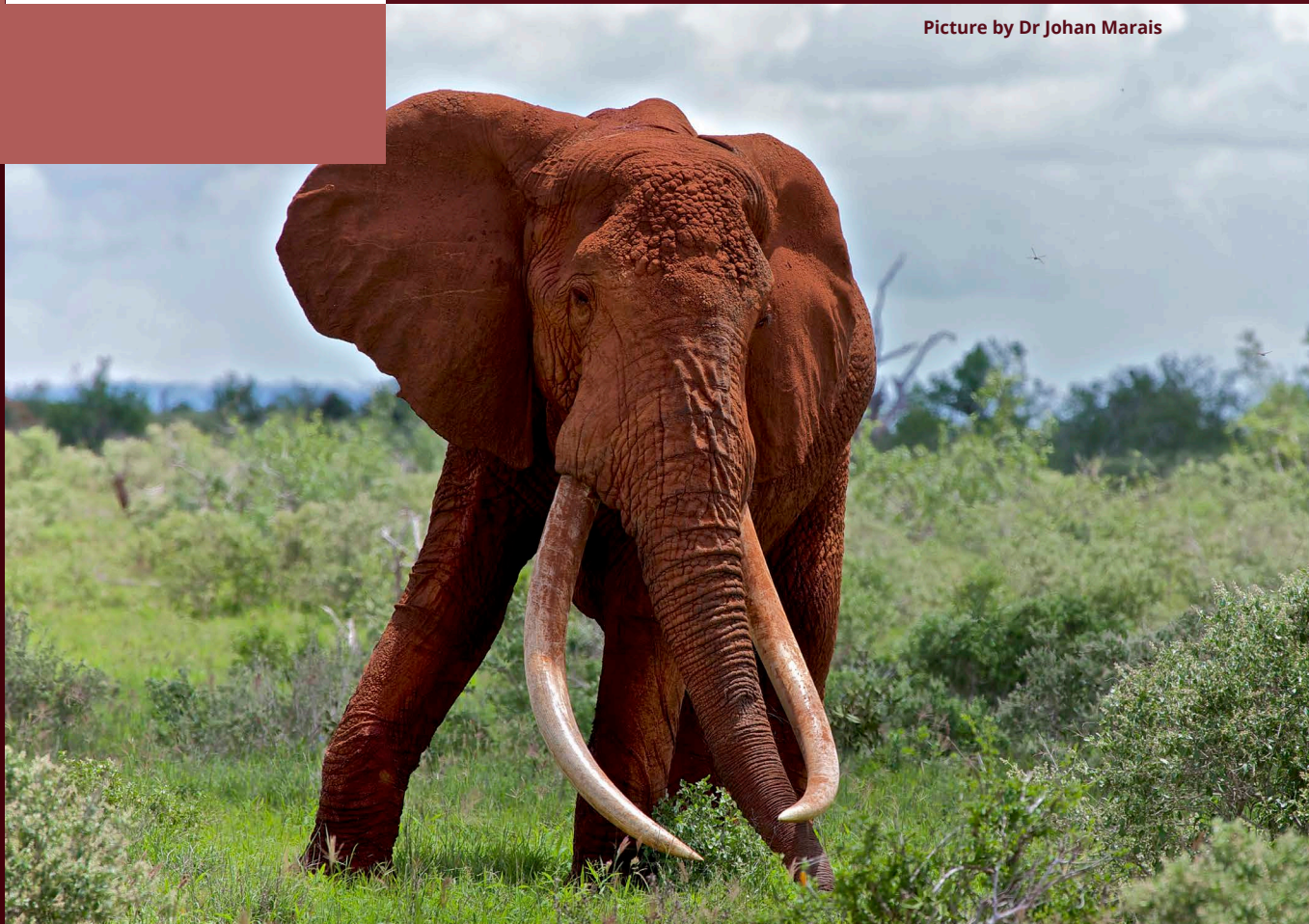


UNIVERSITEIT VAN PRETORIA  
UNIVERSITY OF PRETORIA  
YUNIBESITHI YA PRETORIA

# Veterinary Science

Undergraduate faculty brochure

Picture by Dr Johan Marais



## 2015/16

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

## Message from the Dean

The Faculty of Veterinary Science is unique in South Africa and thus has an essential role in training veterinary and para-veterinary professionals. Our graduates and research programmes are vital in enhancing public and animal health, promoting biosecurity and welfare, and ensuring our pets are safe and sound.

A veterinary career is wide-ranging, involving pets, farm animals, wildlife or exotic animals and encompassing careers in private practice, research, government or industry. Through controlling animal diseases and promoting livestock production, veterinarians contribute to increasing the profitability of commercial and small scale farming enterprises and thereby enhancing food security and economic development of livestock owners.

The quality and scope of our training is such that graduates from this Faculty are able to enter postgraduate programmes at universities across the world. We are also passionate about meeting the needs of South Africa and are striving to ensure that our curriculum will meet the growing need for primary animal healthcare, where veterinarians can assist rural communities and smallholder farmers.

The Faculty's campus compares favourably with the best in the world. It has five academic departments, an Equine Research Centre and a Centre for Veterinary Wildlife Studies. The Onderstepoort Veterinary Academic Hospital (OVAH) provides state-of-the-art facilities for the clinical departments and is the focus of the Faculty's clinical service-rendering activities to the surrounding community. In addition it provides a national referral service. We are also proud of recent new additions to the Faculty, which include a multidisciplinary laboratory, skills laboratory, student centre and offices for student administration and service.

The new, modern student accommodation that was officially opened on our campus in 2012 has contributed significantly to the University's plans to



**Prof Darrell Abernethy**  
**Dean: Faculty of Veterinary Science**

expand the Faculty while more additions were completed towards the end of 2014. We believe that a healthy and safe living environment is conducive to an excellent study environment and enhances the academic experience of students.

However, life here is not only about studying and we know how to have fun, with a wide variety of social activities on

and off campus. The Faculty is known for the unique spirit among its students to excel, compete and ultimately be successful in what they do. It is a vibrant place where you will be empowered to start an exciting career as a well-balanced professional person.

We look forward to welcoming you as a new student to our campus.

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## Undergraduate study programmes

### Important information on undergraduate study programmes for 2015/16

• All study programmes in this Faculty include selection procedures, which are based on academic merit, the result of the National Benchmark Test (NBT) and a value-added questionnaire. Applicants, who indicate BVSc or DipVetNurs as their first choice, will be given preference. In order to retain provisional admission candidates should still comply with the minimum subject and Admission Point Score (APS) requirements based on their National Senior Certificate (NSC) results. • In order to register for the University degree or diploma, NSC/IEB/Cambridge candidates must comply with the minimum requirements for degree studies, as well as the minimum requirements of the study programme. • Life Orientation is excluded when calculating the APS.

University of Pretoria website [www.veterinary.up.ac.za](http://www.veterinary.up.ac.za)

National Benchmark Test website [www.nbt.ac.za](http://www.nbt.ac.za)

Study programme Duration Closing dates Careers	Minimum requirements for 2016																APS
	Achievement level																
	English				Mathematics				Life Sciences				Physical Science				
	NSC/IEB	HIGCSE	AS-Level	A-Level	NSC/IEB	HIGCSE	AS-Level	A-Level	NSC/IEB	HIGCSE	AS-Level	A-Level	NSC/IEB	HIGCSE	AS-Level	A-Level	
BVSc (Bachelors degree in Veterinary Science) <b>[6 years]</b> Closing dates: SA – 31 May Non-SA – 31 May	5	3	C	C	5	3	C	C	-				5	3	C	C	32
The NBT and the value-added questionnaire are compulsory components of the selection process. Applicants with an APS between 30 and 32 will be considered for access into the BSc (Four-year Programme) – Biological and Agricultural Sciences. Candidates in this category are admitted into the second semester of the first year of BVSc, after successful completion of the first three semesters of the BSc (Four-year Programme). <b>Careers:</b> Veterinarians in private practice, research, academia or state veterinary services. Veterinarians can also work in the following fields: diagnostic laboratories, veterinary public health (milk and meat hygiene, control of transfer of disease), technical services, research and product development in pharmaceutical and food industries, consultancy, laboratory animal management, wildlife management, poultry and pig production and animal welfare.																	
DipVetNurs (Diploma in Veterinary Nursing) <b>[2 years]*</b> Closing dates: SA – 31 May Non-SA – 31 May	4	3	D	D	4	3	D	D	4	3	D	D	4	3	D	D	24
The NBT and the value-added questionnaire are compulsory components of the selection process. <b>Careers:</b> Veterinary nurses can be employed by the following institutions: private veterinary practices, veterinary academic hospitals, the pharmaceutical industry, the animal food industry, animal welfare societies, zoological gardens, game parks, laboratory animal units, rehabilitation centres, research centres, animal boarding establishments, organised agriculture, dairies and farming operations.																	

\*The University plans to offer a three-year Veterinary Nursing Degree, which will be introduced in 2015/16 (pending approval). The Diploma in Veterinary Nursing will therefore be phased out and the last intake for this two-year diploma will be in 2015/16 (pending approval).



When I ask myself why I decided to become a veterinarian, I had a simple answer. I didn't know what else to do with my life. The words of Roger Caras are so true that animals are not our whole life, but they make our lives whole. Have a dream and work hard towards that dream, but also remember to make time for yourself and to enjoy the journey.

**Andrea Thiele**  
– BVSc 4th year student

# Faculty highlights

- The Faculty of Veterinary Science is currently the only veterinary faculty in South Africa and the second oldest of 46 similar faculties in Africa
- Graduates of the Faculty are held in high esteem nationally and internationally, and its BVSc degree is recognised for registration purposes by the Royal College of Veterinary Surgeons (London) and the Australasian Veterinary Boards Council
- The Faculty trains veterinarians at undergraduate (BVSc degree programme) and postgraduate level and also offers a university diploma in Veterinary Nursing.
- The Faculty has 17 specialist laboratories rendering routine and specialist services to the Faculty and the community
- The Faculty's Onderstepoort Veterinary Academic Hospital (OVAH) has world-class facilities, internationally accredited clinicians and skilled support staff
- Its Equine Research Centre (ERC) is conducting research that will improve and promote the health and welfare of horses and the horse industry in South Africa
- Community engagement programmes are fully integrated into the training programmes of the Faculty at under- and postgraduate levels
- The Faculty collaborates with universities abroad and, among others, has a longstanding cooperation agreement with Utrecht University in The Netherlands. It has also developed close links with faculties of veterinary science in Africa, especially those in the Southern African Development Community (SADC)
- Increasing numbers of professionals from abroad join the Faculty's clinical and preclinical programmes and the postgraduate student body reflects a strong mix of local, continental and European students

## Contact information

Chris van Blerk

Email [chris.vanblerk@up.ac.za](mailto:chris.vanblerk@up.ac.za)

# General overview/Veterinary Science (BVSc)

## General overview

The Faculty structures provide for the following divisions, departments and centres:

### Student Administration

- Provides full logistical support to all academic departments, students and staff for all undergraduate and postgraduate degree and diploma programmes.
- Provides a wide range of student support services in collaboration with similar service providers on the Hatfield Campus of the University.

### Academic departments

- Anatomy and Physiology (anatomy, embryology, histology and physiology)
- Companion Animal Clinical Studies (medicine, surgery, anaesthesiology, diagnostic imaging, and the clinical pathology of dogs, cats and horses)
- Para clinical Sciences (pathology, pharmacology, toxicology, veterinary public health, and phytomedicine)
- Production Animal Studies (food animals such as cattle, small stock, pigs, poultry, and wildlife and the reproduction of all species)
- Veterinary Tropical Diseases (infectious and vector-borne diseases, parasitology, zoonoses and veterinary professional life)

### Faculty Administration

- General Administration
- Finances
- Human Resources
- Onderstepoort Teaching Animal Unit (OTAU)

### Marketing and Communication Division

- Public relations, communication, publications and media

### Centres

- Equine Research Centre (ERC)
- Centre for Veterinary Wildlife Studies (CVWS)

### Onderstepoort Veterinary Academic Hospital (OVAH)

- A state-of-the-art facility for year-round clinical and referral services
- Satellite community clinics
- Experiential training of students

## Academic study programmes

The Faculty currently offers the following programmes at undergraduate and postgraduate level:

### Undergraduate

BVSc (Bachelor's Degree Programme in Veterinary Science)  
DipVetNurs (Diploma in Veterinary Science) – to be phased out once the new Veterinary Nursing Degree Programme is introduced.

### Postgraduate

BVSc (Hons)  
MMedVet  
MSc (Veterinary Science)  
MSc (Veterinary Industrial Pharmacology)  
MSc (Veterinary Epidemiology)

MSc (Veterinary Reproduction)  
MSc (Ruminant Health)  
MSc (Veterinary Public Health)  
MSc (Veterinary Tropical Diseases)  
MSc (Animal/Human/Ecosystem Health)  
PhD  
DVSc

## Veterinary Science (BVSc)

The BVSc study programme is only offered by the Faculty of Veterinary Science of the University of Pretoria at the Onderstepoort Campus on a full-time basis.

The core-elective study programme of the six-year BVSc is an internationally recognised and recommended approach in which all candidates complete a core curriculum over four and a half years (nine semesters). The training concludes with 18 months of experiential training in the core and chosen elective components.

The first year of the study programme is presented at the Hatfield Campus with the remaining years at the Onderstepoort Campus. The language of tuition in this Faculty is English.

A well-developed student support system is in place, including mentoring, tutoring and didactic support.

Students admitted to the BSc (Four-year Programme) in Biological and Agricultural Sciences spend the first 18 months in the BSc (Four-year Programme), after which they join their fellow students in the second semester of the first year of the BVSc study programme. The first year is spent on the Mamelodi Campus, the second year on Hatfield Campus and the remainder of their studies at Onderstepoort.

**Applications for the BVSc programme close on 31 May.**

### Application and admission requirements for 2016

The BVSc study programme is highly popular since the number of places available in the programme is limited. Selection is based on merit. The Faculty does not determine specific selection cut-off values as these are determined by the strength of the applications in a particular year.

### School-leavers

- A valid National Senior Certificate (NSC) with admission for degree purposes.
- Subject requirements and an Admission Point Score (APS) as indicated in the table on page 1 of this brochure. The APS is calculated from the achievement levels obtained in the six 20-credit subjects of the NSC. Life Orientation is excluded when calculating the APS.
- A completed National Benchmark Test (NBT). Basic performance in any component of this test is regarded as unacceptable.
- Completed value-added questionnaire.

### Applicants with previous tertiary exposure

There is an opportunity for students with previous tertiary experience to also apply for the BVSc study programme. Placement in either the first or second year of the BVSc study

# Veterinary Science (BVSc)/Career opportunities

programme will depend on, among others, merit and subject choices.

## International students

A small number of international students may be admitted to the study programme, mainly those from neighbouring Southern African Development Community (SADC) countries. For matriculation exemption requirements and the calculation of the APS, please refer to pages 12 and 13 of this brochure.

Equivalency of academic credits will be taken into account. Once applicants have been accepted for this study programme, they will receive a letter of acceptance from the University, which will facilitate their application for a study permit. A valid study permit, obtained in the country of origin, is a prerequisite for registration.

## Selection of applicants

A total of 190 students are admitted to the BVSc programme (in batches, over the period of a year). The Faculty endeavours to meet the veterinary needs of the country and the region, as well as the specific requirements of higher education legislation through the selection of applicants. The recruitment and selection process is therefore structured in such a way that it will address diversity, excellence, equity, gender and geographic distribution.

The procedure will be reviewed on an annual basis, but typically makes provision for the following categories of students:

- School-leavers
- Students with previous tertiary exposure
- International students
- Students nominated by other bodies (eg the Department of Agriculture, Forestry and Fisheries)

Selection is based on academic performance, the NBT results and the completed value-added questionnaire. The study programme consists of a combination of lectures, electronic learning opportunities, discussions, demonstrations, seminars, assignments, group work, practicals and clinical work. The latter is offered mainly in the Onderstepoort Veterinary Academic Hospital, its satellite facilities and community clinics.

A graduate who successfully completed the study programme will have received broad-based training with an expanding elective programme to cater for specific interests. It will also enable the graduate to enter a number of postgraduate study programmes. Upon conferment of the BVSc degree, the new graduate is entitled to register with the South African Veterinary Council (SAVC) as a veterinarian. Registration with the SAVC is a prerequisite for practising as a veterinarian in South Africa. The University's BVSc degree is also recognised in the United Kingdom and Australasia. Regulations for Compulsory Community Service by new graduates are currently being formulated on a national level. Implementation is dependent on a date to be announced by the Minister of Agriculture, Forestry and Fisheries (DAFF).

## BVSc curriculum

More information about the BVSc curriculum can be found on the Faculty's website at [www.veterinary.up.ac.za](http://www.veterinary.up.ac.za).

## Career opportunities in veterinary science

Veterinary science offers rewarding and wide-ranging employment opportunities for new graduates.

### Private practice

The majority of veterinarians in the country are gainfully employed in private practice, either in their own practices, in partnership, as assistants or as locums.

There are several avenues of private practice: rural practice, providing veterinary services to the livestock farmer (cattle, horses, sheep, goats, pigs, poultry and game), companion animal practice (dogs, cats, horses, cage birds, etc) and mixed practice (pets/farm animals/wildlife). The services provided by the private practitioner include, among others, clinical services, disease prevention strategies, advice and a whole range of consultative services on nutrition, management, production, reproduction, and biotechnology.

### Research

Research can be conducted in a wide spectrum of areas (veterinary, agricultural and biomedical sciences), attending to problems related to both animals and humans.

### Academia

Graduates can teach at veterinary, medical, agricultural and natural science faculties, conduct research and participate in community engagement projects and the provision of clinical services.

### State veterinary services

A significant number of veterinarians are employed as state or provincial veterinarians in government service. They render essential regulatory services related to the diagnosis, surveillance, monitoring, control, prevention and eradication of notifiable diseases. State veterinarians are also responsible for matters related to the import and export of animals and animal products as well as for food safety and security. In regions where there are no private practitioners, state veterinarians may also provide clinical services.

### Private, state and provincial diagnostic laboratories

Graduates can provide routine or forensic diagnostic services involving disciplines such as pathology, clinical pathology, microbiology and toxicology.

### Veterinary public health

Food security and the production of food that is safe for human consumption are very important fields in which the veterinarian plays a key role. Veterinarians are responsible for ensuring the maintenance of meat and milk hygiene in abattoirs and milk processing plants, in addition to their role in the maintenance and improvement of animal health on farms. Veterinarians involved in the field of veterinary public health play an important role in the control of zoonotic diseases (i.e. diseases transferred from animals to humans).

### Commerce

The veterinarian is involved in research and product development in the pharmaceutical and feed industries, as well as in the provision of technical advice in sales and management.

# Veterinary Science (BVSc)/Veterinary Nursing (DipVetNurs)

## Consultancy

The veterinarian can provide specialised or specialist services to the farm animal and pet industries, for example, as a consultant in the pig and poultry industries, feedlots or specialist practices (such as surgery, internal medicine, ophthalmology and dentistry). In the case of a specialist practice, the practitioner will need to have the appropriate postgraduate qualification and be registered with the SAVC to practise as a veterinarian and a specialist.

## Laboratory animal science

The veterinarian is an essential member of the team involved in the welfare of laboratory animals, monitoring the utilisation of animals for experimental purposes and giving advice on ethical issues.

## Wildlife management

The veterinarian may pursue career opportunities in wildlife ranching, conservation and at zoological institutions. However, posts in these fields are limited.

## Poultry production

The poultry industry provides large volumes of animal protein for human consumption and veterinarians play a pivotal role in terms of food security.

## Animal welfare

The veterinarian is intimately involved in animal welfare in the provision of clinical services and advice, and in management at welfare organisations. Veterinarians are involved in general matters pertaining to the welfare of animals through the promotion of appropriate husbandry practices, nutritional practices, disease prevention strategies and sound production systems.

## International employment

Graduates from the Faculty enjoy wide national and international recognition and the BVSc degree of the University of Pretoria is recognised in the United Kingdom, as well as by the Australasian Veterinary Boards Council. We also have numerous memoranda of understanding with fellow Veterinary Schools on the continent and in Europe.

## General

For a young person who likes working with people, is interested in animals and a career in biomedical sciences, veterinary science provides a spectrum of wonderful opportunities. Like many similar career options, veterinary science may perhaps be considered a 'calling' and the decision to become a veterinarian involves both the head and the heart. While a love for animals may be a component of the decision to pursue veterinary science as a career, a deeper empathy will be required, coupled with a sense of compassion and caring.

The course is demanding and requires dedication and hard work. It is a career with long and often irregular hours and will certainly test tolerance levels. Whatever field of the profession the graduate chooses to pursue, the ability to work with both people and animals is essential.

The South African Veterinary Council (SAVC) controls the ethics and standards of veterinary education and practice. All graduates must register with the Council before being allowed to practice in the country, and are subject to its rules. The veterinary profession in South Africa has a proud tradition of

service to the community, which has been built on the high quality of the training provided and the professional service rendered.

## Veterinary Nursing (DipVetNurs)

Studies in Veterinary Nursing, as a recognised profession, are offered by the Faculty of Veterinary Science of the University of Pretoria. DipVetNurs is currently still a two-year diploma programme and is offered on a full-time basis. The Faculty intends to introduce a three-year veterinary nursing degree programme in 2016/17 subject to approval. The last intake of students into the Veterinary Nursing Diploma Programme will therefore be in 2015/2016, after which it will be phased out as the degree programme is introduced.

## Application and admission requirements

**The closing date for all Veterinary Nursing applications is 31 May 2015.**

A valid NSC with university admission is required for all school-leavers who do not have tertiary experience. The APS is calculated from the achievement levels obtained in the six 20-credit subjects of the NSC excluding Life Orientation. Minimum admission requirements appear on page 1 of the brochure. Additional requirements include the NBT and a completed value-added questionnaire. All years of study are presented at the Onderstepoort Campus of the University of Pretoria.

## Selection of candidates

A total of 50 students will be admitted to the study programme. The Faculty endeavours to meet the veterinary nursing needs of the country and the specific requirements of higher education legislation through the selection of applicants. The recruitment and selection process is therefore structured in such a way that it will address access, diversity and excellence. The procedure is reviewed on an annual basis and makes provision for the following categories of students:

- School-leavers
- Students with previous tertiary exposure
- International students
- Students nominated by other bodies (for example the Department of Agriculture, Forestry and Fisheries)

Selection will be based on academic performance, the NBT and a completed value-added questionnaire.

A limited number of international students may be admitted to the study programme. Equivalency of academic credits will be taken into account. Once applicants have been accepted for this programme, they will receive a letter of acceptance from the University, which will facilitate their application for a study permit. A valid study permit, obtained in the country of origin, is a prerequisite for registration.

## Academic study programme

The diploma programme currently requires two years of full-time study. This will change to three years once the degree programme is introduced. The language of tuition is English. The first year of the diploma is devoted to basic modules in anatomy, physiology, pharmacology, ethology, microbiology,







There is nothing more rewarding than assisting with bringing a dog from near-death the one moment to watching it wag its tail the next day in anticipation of a bowl of food. I have had the opportunity to experience this as a DVN student at Onderstepoort many times over, and attribute knowing what to do in that type of situation to the

exceptional veterinary doctors and nurses who teach us. Being exposed to many diverse real-life veterinary care scenarios during my DVN studies at the world-class facilities at Onderstepoort Hospital has ensured that I quickly honed my nursing skills to create a future veterinary nurse who is confident and passionate about what she does. Every effort is made to ensure that we are educated about all the aspects of the veterinary care profession, producing competent and well-informed veterinary nurses.

I love being able to make a difference in so many animals lives, and I hope to continue doing this at a Small Animal Specialist Practice once I have qualified.

**Vivian Smit**  
**– 2nd year DipVetNurs (Veterinary Nursing) student**



## Veterinary Nursing (DipVetNurs)/Postgraduate study programmes

parasitology, laboratory techniques and general nursing. It also includes modules in medical nursing, reproductive nursing and theatre practice.

The second year of the diploma is devoted to medical nursing, reproductive nursing, theatre practice, anaesthesiology, radiography and surgical nursing. It also includes a semester of clinical training at the Onderstepoort Veterinary Academic Hospital and approved private veterinary facilities.

### Career opportunities in Veterinary Nursing

Veterinary nursing is recognised by the South African Veterinary Council (SAVC) as a para-veterinary profession and all qualified veterinary nurses are registered with the SAVC. Registration is a prerequisite for practising as a veterinary nurse in South Africa. Veterinary nursing opens up a wide range of rewarding and satisfying career opportunities. Wherever there is employment for a veterinarian, there is also a career opportunity for a veterinary nurse.

Veterinary nursing requires a dedicated and motivated person with a special interest in working with animals and their owners. The veterinary nurse is a member of a professional team that includes veterinarians, and is expected to show a high degree of responsibility, organisational skills, patience and good human relations. Self-discipline, honesty, dedication and a sense of humour are recommended attributes.

The following employment opportunities are available:

- Private veterinary practice is urban, rural, mixed general, or species-specific. The veterinary nurse assists with anaesthesia, operating theatre management, intensive care, radiography, laboratory analysis, animal patient care and nursing, disease prevention, administration and practice management.
- Employment in the Onderstepoort Veterinary Academic Hospital, as well as in the pharmaceutical and animal food industries, offers further opportunities. Veterinary nurses are also employed in animal welfare societies throughout South Africa.
- Zoological gardens, game parks, laboratory animal units, rehabilitation centres, research centres, boarding establishments, organised agriculture, dairies and farming operations also offer gainful employment.

## Postgraduate study programmes

### Honours in Veterinary Science BVSc (Hons)

The honours degree provides students with a broad scientific background in the theoretical aspects of various disciplines. The degree will enable the student to apply this knowledge in the workplace or towards completion of the MMedVet degree. A candidate must have a BVSc or an equivalent professional veterinary degree to enrol for the BVSc (Hons). The minimum duration for this degree is two years.

### Master of Veterinary Medicine (MMedVet)

The master's degree in Veterinary Medicine is a specialist professional degree that equips the student with a broad scientific background in the theoretical aspects and specific practical skills in the chosen field of study. The MMedVet degree allows the graduate to register with the SAVC as a veterinary specialist

### MSc (Veterinary Science)

The MSc degree in Veterinary Science is a research degree offered by all departments over a minimum period of one year and a maximum of two years and may be completed in, but is not limited to, some of the following areas: Bacteriology, Ectoparasitology, Helminthology, Immunology, Molecular Biology, Parasitology, Protozoology, Virology, Veterinary Toxicology, Veterinary Public Health, Veterinary Pathology and Phytomedicine.

### MSc (Veterinary Industrial Pharmacology)

This is an MSc degree programme offered by the Department of Paraclinical Sciences to equip candidates with the appropriate knowledge and skills required by the veterinary pharmaceutical industry.

### MSc (Veterinary Epidemiology)

This degree programme provides training in the principles of and methods used in veterinary epidemiology, including training in selected more specialised tools used in the discipline.

### MSc (Veterinary Reproduction)

This degree programme will be suitable for veterinarians with an interest in reproduction and an interest in doing research in the field of reproduction, irrespective of the species in which their interest lies.

### MSc (Ruminant Health)

This degree programme underlies the major health and production considerations in domesticated ruminants.

### MSc (Animal/Human/Ecosystem Health)

This is a web-based MSc degree programme offered by the Department of Veterinary Tropical Diseases to equip candidates with the knowledge and skills required for a career in One Health.

### Philosophiae Doctor (PhD)

The PhD degree is offered by all departments. The degree is conferred on the basis of the successful completion of a thesis. An oral examination is required.

### Doctor of Veterinary Science (DVSc)

The DVSc degree is conferred on the basis of scientific publications.

## General information

### 1. University of Pretoria campuses and contact information

#### Client Service Centre (CSC)

Tel +27 (0)12 420 3111

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

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

#### Location

University of Pretoria, cnr Lynnwood Road and Roper Street, Hatfield, South Africa

#### Postal address

University of Pretoria, Private bag X20, Hatfield 0028, South Africa

#### GPS coordinates to campuses

<b>Hatfield</b>	S25° 45' 21" E28° 13' 51"
<b>GIBS</b>	S26° 07' 46.2" E28° 02' 46.788" (56 km from Hatfield Campus)
<b>Groenkloof</b>	S25° 46' 10" E28° 12' 34" (3.5 km from Hatfield Campus)
<b>UP Sports Campus</b>	S25° 45' 10" E28° 14' 46" (1.2 km from Hatfield Campus)
<b>Mamelodi</b>	S25° 43' 22" E28° 23' 56" (12 km from Hatfield Campus)
<b>Onderstepoort</b>	S28° 10' 54" E25° 38' 52" (22 km from Hatfield Campus)
<b>Prinshof</b>	S25° 43' 57" E28° 12' 10" (6 km from Hatfield Campus)

### 2. Admission requirements

The statutory minimum requirements for degree studies is a National Senior Certificate (NSC), with a minimum achievement level of 4 (50%–59%) in four recognised NSC 20-credit subjects from the designated subject list below:

- Accounting
- Agricultural Science
- Business Studies
- Consumer Studies
- Dramatic Arts
- Economics
- Engineering Graphics and Design
- Geography
- History
- Information Technology
- Languages\*
- Life Sciences
- Mathematical Literacy
- Mathematics
- Music
- Physical Science
- Religion Studies
- Visual Arts

\*Based on the languages used as medium of instruction at the University of Pretoria, it is advisable that students should have English and/or Afrikaans as a Home Language or as a First Additional Language, together with any other language of choice. Faculties and/or certain study programmes may impose additional requirements.

Prospective students in Grade 12 (final school-year) must use their final Grade 11 year mark (promotion mark) to apply. No Grade 12 marks will be considered for provisional admission. Please note that prospective students who have already left school should use their NSC/IEB\* Certificate to apply. Also refer to "Higher Education South Africa" on page 12. Additional selection criteria are applicable in applications for selection programmes.

Provisional admission is granted on the results obtained in the final Grade 11 examination (promotion mark). Please note that the final Grade 12 results remain the determining factor with regard to admission. Also note that compliance with the minimum requirements does not necessarily guarantee admission to any study programme.

The calculation of an Admission Point Score (APS) is based on a candidate's achievement in any SIX recognised NSC 20-credit subjects (including subjects from the non-designated subject list, eg CAT, Tourism, Hospitality Studies and Civil, Electrical & Mechanical Technology, etc), by using the NSC seven-point rating scale. Life Orientation is a 10-credit subject and may not be used for calculating the APS. Life Orientation is also not a faculty-specific subject requirement.

\*Independent Examination Board (IEB)

#### National Senior Certificate (NSC) seven-point rating scale

Achievement level	Description	Percentage
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%

#### National Benchmark Test (NBT)

The NBT 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 NBT.

#### Contact information

Tel +27 (0)21 650 3523

Website [www.nbt.ac.za](http://www.nbt.ac.za)

### 3. Application for admission

- Applications open on 1 March of the year preceding the year of study. Completed application forms must reach the CSC before the closing date.
- We recommend that you apply online at [www.up.ac.za/](http://www.up.ac.za/) apply. Once your application form has been processed, you will receive an eight-digit UP student number. You are also welcome to download an application form from the website.
- It is strongly recommended that you also indicate a second choice study programme on your application form. Refer to [www.up.ac.za/admissioninfo](http://www.up.ac.za/admissioninfo). It is not advisable to apply for two selection programmes as your first and second choice. Selection programmes are study



## General information

programmes with early closing dates and limited space and must preferably be indicated as first choice on your application form.

- A non-refundable application levy of R300 must accompany every application.
- The following documents must accompany your application:
  - A copy of your final Grade 11 examination report indicating your promotion mark
  - A copy of your ID or your birth certificate
- Faxed, scanned, or emailed application forms will not be accepted. Each student must complete only one application form.
- You may follow the progress of your application online via the UP Portal (Student Centre). Visit [www.up.ac.za/portal](http://www.up.ac.za/portal).

### 4. Language policy and medium of instruction

In conducting its business, the University uses two official languages, namely English and Afrikaans. In formal education the medium of instruction is either 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, a student has the right

to choose whether the University should communicate with him or her in English or Afrikaans. Where the University has the capacity, Sepedi is used as an additional language of communication.

### 5. Bursaries, awards and loans (financial aid)

#### University-managed bursaries and loans

Apply between 1 August and 30 September of the year preceding studies at [www.up.ac.za/feesfunding](http://www.up.ac.za/feesfunding). Please note that applicants for sports bursaries, should also complete an application form, which can be obtained from the Sports Centre, [sportsinfo@up.ac.za](mailto:sportsinfo@up.ac.za), +27 (0)12 420 6060 or [www.up.ac.za/sport](http://www.up.ac.za/sport).

#### University-managed awards

Learners do not apply for these awards. They are awarded automatically after registration. For the specific criteria, please refer to [www.up.ac.za/feesfunding](http://www.up.ac.za/feesfunding).

#### Other financial aid options

- Edu-loan: [www.eduloan.co.za](http://www.eduloan.co.za)
- The Bursary Register:
  - Tel** +27 (0)11 672 6559
  - Email** [slevin@mnet.co.za](mailto:slevin@mnet.co.za)
  - [www.gostudy.mobi](http://www.gostudy.mobi)
- [www.bursary.hcifoundation.co.za](http://www.bursary.hcifoundation.co.za)

### Achievement awards – new first-year students: 2015\*

#### Guaranteed undergraduate achievement awards

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

Qualifying average percentage	Faculty of Natural and Agricultural Sciences Faculty of Engineering, Built Environment and Information Technology	Faculty of Health Sciences 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

\*Amounts will be adjusted for 2016.

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

## General information

### 6. Special offer to academic achievers

The special offer to academic achievers is based on average percentages obtained in the end examination of the final school year. This special offer may include guaranteed awards, placement in study programmes and/or residence placement. For more information on the University's special offer to new first-year students, visit [www.up.ac.za/admissioninfo](http://www.up.ac.za/admissioninfo).

#### Guaranteed admission to a non-selection study programme of a student's first or second choice

##### Conditions

- Applications must be received on or before 1 May of the year preceding commencement of studies.
- The minimum requirements for admission to the chosen study programme must be met with the results achieved in the end examination of the final school-year.
- The minimum National Benchmark Test (NBT) requirements for the specific study programme must be met.

Please note that admission to selection study programmes cannot be guaranteed.

#### Placement in a residence of the University of Pretoria

75%–89.99%	90%–100%
Consideration for placement in a residence of the University of Pretoria rests upon the following:  The prospective student must: <ul style="list-style-type: none"> <li>apply before 1 May in the year preceding studies;</li> <li>have obtained an average of between 75% and 89.99% in the examination with which the student apply for admission to study at UP; and</li> <li>be provisionally admitted to a study programme.</li> </ul> Please take note that the academic average percentage is based on a calculation formula of the University of Pretoria.	Guaranteed placement in a residence of the University of Pretoria rests upon the following:  The prospective student must: <ul style="list-style-type: none"> <li>apply before 1 May in the year preceding studies;</li> <li>have obtained a minimum average of 90% in the examination with which the student apply for admission to study at UP; and</li> <li>be provisionally admitted to a study programme.</li> </ul> Please take note that the academic average percentage is based on a calculation formula of the University of Pretoria.

### 7. 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
Deposit Reference: Eight-digit student number	Deposit Reference: Eight-digit student number
<b>For international transactions:</b> <b>SWIFT CODE: ABSAZAJCPT</b>	

##### Please note:

- Always quote your eight-digit UP student number when making payments.
- Allow at least five working days for processing by your bank and retain the proof of payment (deposit slip).
- Do not fax your deposit slip to UP, unless specifically requested to do so. Faxing the deposit slip to UP will NOT reduce processing time at the University and will NOT allow same day services, especially during registration.

- For the Absa online banking page, see [www.up.ac.za](http://www.up.ac.za) for help on setting up first time online banking. Search with "UNI" as beneficiary and choose the "students" option. This will reflect UP's bank account number 214 000 0054 when making a payment and will allow you to use your student number as reference.

### 8. Accommodation

Only a limited number of places are available in the University's residences. Placement in residences is based on academic achievement (APS) in Grade 11 and the date of your application. Consequently, you are strongly advised to apply for placement in a residence in March of the year preceding your studies. Please note that the demand for residence accommodation exceeds the availability and admission to a study programme can thus not guarantee placement in a residence. Guaranteed placement in a residence only applies to students who meet the minimum requirements of the UP special offer to academic achievers.

Application for placement in a residence is made on the application form for a study programme. Placement in a residence then takes place AFTER a prospective student has been provisionally admitted to a study programme. A prescribed reservation fee for residence place, is payable once you have been notified in writing that you have been placed in

## General information

a residence. Please visit [www.up.ac.za/admissioninfo](http://www.up.ac.za/admissioninfo) or [www.up.ac.za/accommodation](http://www.up.ac.za/accommodation).

### Private accommodation

The University can unfortunately not provide accommodation to all applicants as the demand exceeds the available places. For more information please refer to [www.up.ac.za/accommodation](http://www.up.ac.za/accommodation).

## 9. Security services

The Department of Security Services creates and maintains a 24-hour safe environment, provides access control on all campuses as well as 24 hour surveillance by the UP Operational Management Centre.

### Contact information

**24 hour UP Operational Manager**  
+27 (0)83 654 0476  
**24 hour UP Operational Management Centre**  
+27 (0)12 420 2310/2760  
**24 hour crisis line**  
+27 (0)80 000 6428 (toll-free)

## 10. 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. 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](mailto:csc@up.ac.za)  
**Website** [www.up.ac.za/ISD](http://www.up.ac.za/ISD)  
**Location** Client Service Centre  
Hatfield Campus

### Supporting documents

All non-South African citizens will have to show their original documents and submit two photocopies of each 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:
  - A study visa
  - An asylum-seekers transit visa
  - Refugee – Section 24 permit
  - A diplomatic visa
- Proof of medical aid cover (medical aid cover must be paid a year in advance, from January to December)

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

### Medical aid 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 8749 (Centurion office) or  
+27 (0)86 010 2493  
**Email** [studenthealth@momentum.co.za](mailto:studenthealth@momentum.co.za)  
**Website** [www.ingwehealth.co.za](http://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](mailto: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.

### Contact information

**Tel** +27 (0)12 481 2821  
**Fax** +27 (0)12 481 2843/50  
**Email** [info@hesa.org.za](mailto:info@hesa.org.za)  
**Website** [www.hesa.org.za](http://www.hesa.org.za)  
**Location** Unisa Sunnyside Campus  
Building 3 Level 1  
Cnr Rissik and Steve Biko Street  
Sunnyside  
Pretoria

## General information

### 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

\* APS conversion for Grade 11 equivalent qualifications only and for conditional admission and selection purposes

\*\* 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

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

APS		A-Level	IB HL
Required level for subjects	Required 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		

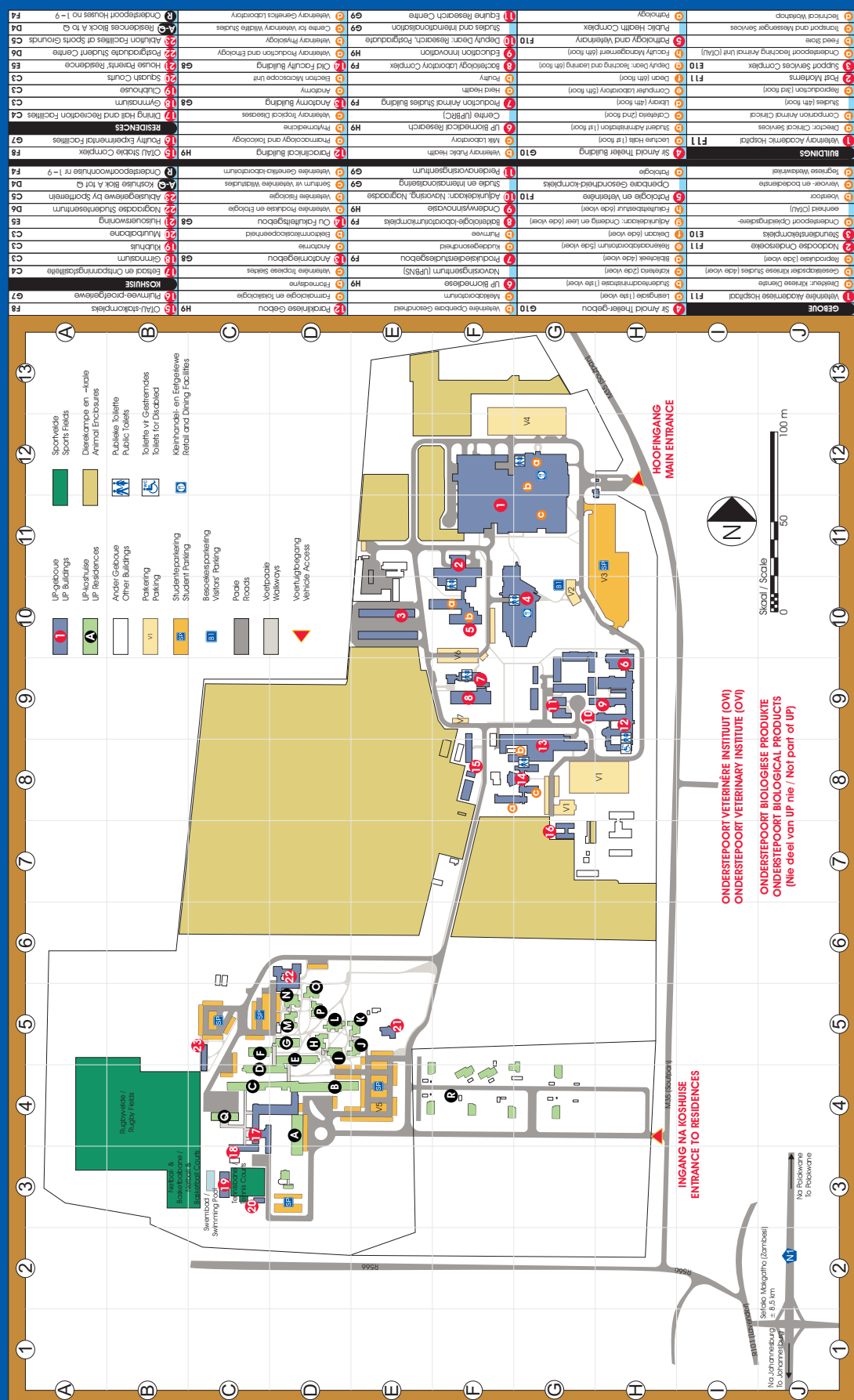
NSC	National Senior Certificate (completed Grade 12 in and after 2008)
IEB	Independent Examination Board
SC HG	Senior Certificate Higher Grade (completed Grade 12 before 2008)
SC SG	Senior Certificate Standard Grade (completed Grade 12 before 2008)
HIGCSE	Higher International General Certificate of Secondary 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



## Notes

# Onderstepoort campus map

Onderstepoortkampus / Onderstepoort Campus / Khamphase ya Onderstepoort S 25° 38' 52" E 28° 10' 54"



Kaart laat sig sien op 1:50 000. Die kaart is 'n vereenvoudigde versie van die werklike situasie. Die kaart is nie 'n wettigse dokument nie. Die Universiteit van Pretoria aanvaar geen aanspreeklikheid vir enige fout of onakkuratesse in die kaart. Die Universiteit van Pretoria aanvaar geen aanspreeklikheid vir enige fout of onakkuratesse in die kaart. Die Universiteit van Pretoria aanvaar geen aanspreeklikheid vir enige fout of onakkuratesse in die kaart.

Map updated to September 2013. The map is a simplified version of the actual situation. The University of Pretoria does not accept any liability for any error or inaccuracy in the map. The University of Pretoria does not accept any liability for any error or inaccuracy in the map. The University of Pretoria does not accept any liability for any error or inaccuracy in the map.



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