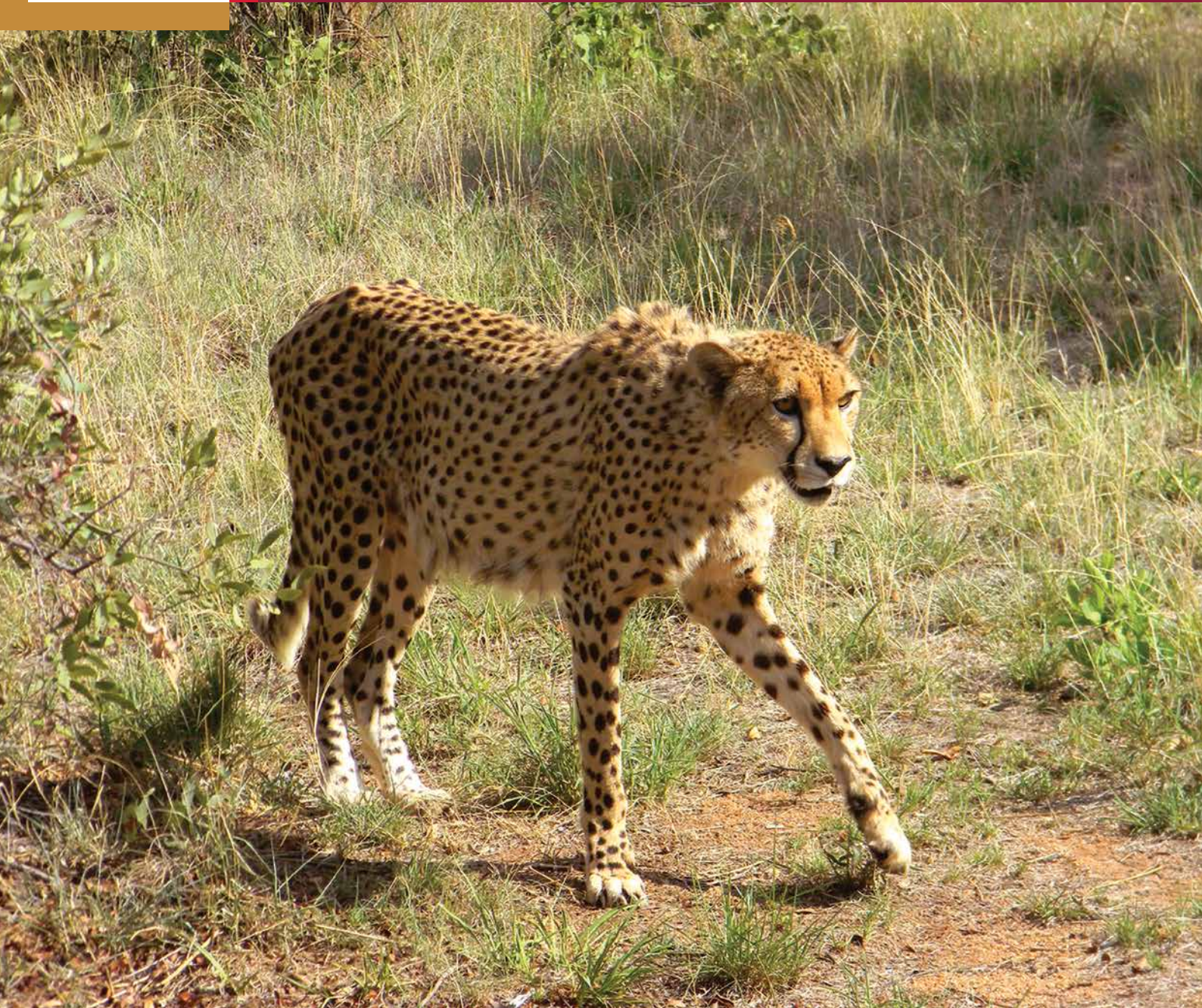




UNIVERSITEIT VAN PRETORIA  
UNIVERSITY OF PRETORIA  
YUNIBESITHI YA PRETORIA

## Faculty of Veterinary Science

Fakulteit Veeartsenykunde  
Lefapha la Disaense tša bongakadiruiwa



2019/2020

Undergraduate faculty brochure

Make today matter

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

## Message from the Dean



**Prof Vinny Naidoo**  
Dean: Faculty of Veterinary Science

As the only Faculty of Veterinary Science in the country, we play a distinctive role in the training of veterinarians and veterinary nurses who are indispensable for the country's farming and animal welfare needs. We are also the leading Faculty of Veterinary Science in Africa and enjoy wide-ranging international recognition.

In 2018 the Faculty was ranked 37th among the top 50 veterinary schools globally by the Shanghai ranking system.

Despite our international recognition, the Faculty strives to be locally relevant and we are passionate in our endeavours to meet the needs of South Africa. This not only applies to commercial farming but also to primary animal healthcare, where veterinarians and veterinary nurses assist rural communities and smallholder farmers. By controlling animal diseases and promoting livestock production, veterinarians contribute to increasing the profitability of commercial and small scale farming enterprises, thereby enhancing food security and economic development of livestock owners.

Our graduates and research programmes are vital to enhancing public and animal health, promoting biosecurity and welfare, and ensuring that our pets are safe and sound. The quality of its training is such that graduates from this Faculty have no difficulty competing for and entering postgraduate programmes at universities in countries around the world.

The Faculty, situated on its own campus that compares favourably with the best in the world, hosts five academic departments, three research centres and the state of the art Onderstepoort Veterinary Academic Hospital (OVAH), through which we offer the majority of our training. The Faculty is also in a unique position to offer clinical training

in our surrounding communities and the Hluhukani Clinic near the Orpen Gate of the Kruger National Park, with services provided in production animal medicine, herd health, state veterinary medicine, wildlife medicine, community medicine and welfare practice.

While we promote an excellent study environment and boast some of the best pass rates in the country, the Faculty is a vibrant place where a wide variety of social and sports activities on and off campus is also offered. By joining us, you will be empowered to start an exciting career as a balanced person and professional in all respects. We look forward to welcoming you to the Onderstepoort Campus of the University of Pretoria as a student.

# Content

Message from the Dean .....	ii
Undergraduate programmes.....	1
The Merit Point Score .....	2
The Veterinary Science and Veterinary Nursing Value Added Form (VSVAF/VNVAF).....	2
General overview of the Faculty of Veterinary Science.....	2
The Bachelor of Veterinary Science (BVSc).....	3
The Bachelor of Veterinary Nursing (BVetNurs).....	5
Annexures.....	6
A: Admission Point Score (APS) Conversion Table.....	6
B: Bachelor of Veterinary Science (BVSc) 08130005: Selection process.....	7
C: Bachelor of Veterinary Nursing (BVetNurs) 08130006: Selection process.....	9
D: Veterinary Science Value Added Form (VSVAF) or Veterinary Nursing Value Added Form (VNVAF).....	10
E: Validation form for career shadowing of applicants into the BVSc or BVetNurs programme.....	11
F: Calculation of the University Module Achievement Score (UMAS) for applicants with previous university exposure .....	12



Cover photograph courtesy of Ms Fransie Lottering

Produced by the Department of Enrolment and Student Administration in December 2018.  
Comments and queries can be directed to [ssc@up.ac.za](mailto:ssc@up.ac.za) or tel: +27 (0)12 420 3111.

**Disclaimer:** This publication contains information about regulations, policies, tuition fees, curricula and programmes of the University of Pretoria applicable at the time of printing. Amendments to or updating of the information in this publication may be effected from time to time without prior notification. The accuracy, correctness or validity of the information contained in this publication is therefore not guaranteed by the University at any given time and is always subject to verification. The user is kindly requested to verify the correctness of the published information with the University at all times. Failure to do so will not give rise to any claim or action of any nature against the University by any party whatsoever.

# Undergraduate programmes

## Important information on undergraduate programmes for 2020

- The Faculty offers the following undergraduate programmes:
  - Bachelor of Veterinary Science (BVSc)
  - Bachelor of Veterinary Nursing (BVetNurs)
- Both undergraduate programmes in this Faculty include selection procedures within different categories which are based on merit.
- The following persons may be considered for admission:
  - candidates who are currently in Grade 12 and have applied with their final Grade 11 results;
  - candidates who have completed Grade 12, but have not yet commenced further studies at a recognised higher education institution;
  - candidates who are in possession of a certificate that is deemed by the University to be equivalent to the required Grade 12 certificate with university endorsement. This certificate must be certified by Universities South Africa (USAf);
  - candidates who are currently enrolled for tertiary education at a recognised higher education institution;
  - candidates who are graduates from another recognised higher education institution, or have been granted the status of a graduate of such an institution; and
  - candidates who are graduates of another faculty at the University of Pretoria.
- BVSc applicants, please refer to Annexure B, for the categories of students we admit based on the Merit Point Score.
- BVetNurs applicants, please refer to Annexure C, for the categories of students we admit based on the Merit Point Score.
- The highest ranking applicants are selected until the capacity is reached within each category.
- The Admissions Committee of the Faculty of Veterinary Science may assign spaces to another category when there are insufficient applicants who meet the minimum requirements in a particular category.
- The final number of places offered to applicants is determined by the Admissions Committee, taking into account the teaching facilities and available resources.
- School-leaving applicants who are conditionally admitted, based on their final Grade 11 results, will forfeit their placement if their Grade 12 NSC Admission Point Score (APS) (Annexure A), is more than two points lower than the Grade 11 APS used for conditional admission.
- In order to retain conditional admission candidates need to comply with the minimum subject requirements based on their final school-year examination results.
- Life Orientation is excluded when calculating the APS.

### The process after application:

- Applicants who are conditionally admitted or have been admitted, as well as those who have been placed on the waiting list, will be informed by 31 August.
- The final admission of conditionally admitted applicants will be confirmed by 10 January of the following year.
- Should places become available in any category due to cancellation or forfeiture, they will be offered to candidates on the waiting list for that specific category.
- Additions from the waiting list may be made until the end of the University of Pretoria's Orientation Week.
- Places must be taken up by the end of the first week after the commencement of lectures.

**Note:** Achieving the minimum admission requirements does not guarantee a place in the BVSc or BVetNurs programme of the University of Pretoria. Any false information provided by an applicant in his/her application, or on the Veterinary Value Added Form (Annexures D and E), may result in immediate cancellation of the application.

University of Pretoria website  
Enquiries

www.veterinary.up.ac.za  
vetug@up.ac.za

Programme	Minimum requirements for 2020						
	Achievement level*						APS
	English Home Language or English First Additional Language		Mathematics		Physical Science		
	NSC/IEB	AS Level	NSC/IEB	AS Level	NSC/IEB	AS Level	
Bachelor of Veterinary Science (BVSc) <b>[6 years]</b> Closing dates: SA – 31 May Non-SA – 31 May	5	C	5	C	5	C	<b>35</b>
Proposed second choice programmes for BVSc are BSc (Biological Science), BSc (Zoology) and BScAgric (Animal Science). <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. Further details appear on page 4.							
Bachelor of Veterinary Nursing (BVetNurs) <b>[3 years]</b> Closing dates: SA – 31 May Non-SA – 31 May	4	D	4	D	4	D	<b>28</b>
For advice on a second choice programme for BVetNurs, please consult a Student Advisor on +27 (0)12 420 5144. <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. Further details appear on page 5.							

\* Cambridge A level candidates who obtained at least a D in the required subjects, will be considered for admission. International Baccalaureate (IB) HL candidates who obtained at least a 4 in the required subjects, will be considered for admission.

## General overview

### The Merit Point Score

The **Merit Point Score** (see Annexure B and C) is calculated as follows:

- School-leavers use the NSC/IEB Grade 11 scores to determine conditional admission:
  - Mathematics counts 40%,
  - English counts 20%,
  - Physical Science counts 20%, and
  - The Veterinary Science and Veterinary Nursing Value Added Forms (VSVAF/VNVAF) counts 20%.
- Applicants with university exposure use:
  - UMAS: 80% (See Annexure F) and the
  - VSVAF/VNVAF: 20% (See Annexures D and E)

### The Veterinary Science and Veterinary Nursing Value Added Forms (VSVAF/VNVAF)

The VSVAF/VNVAF is used in the Faculty of Veterinary Science to ensure that the candidate makes an informed decision about his/her career choice, and to provide some prior exposure to the relevant profession. It was designed to determine a prospective student's veterinary profile, and the information will first be verified after which a score is allocated to each applicant. The components are:

- Candidates should provide evidence of their **balanced lifestyle that will promote and sustain personal wellness** (leadership positions, participation in sports, culture and adventure activities, etc).
- **Animal experience:** Candidates should reflect on aspects including animals being killed for humane purposes, animals being slaughtered (Veterinary Science only) or animals giving birth.
- **Career shadowing:** BVSc candidates should accompany veterinarians, and BVetNurs candidates should accompany veterinary nurses in practice. Candidates should attempt to get exposure to as wide a range as possible of practice areas within the relevant profession. This includes career shadowing of a professional in the relevant profession in government (Veterinary Science only), in private practice (production animals, equines, wildlife and small animals) and other such as welfare organisations.
- **Note:** Applicants may be requested to participate in additional selection activities to verify the score obtained from the VSVAF/VNVAF. This may include an interview and/or additional selection tests. More on the VSVAF/VNVAF in Annexure D and E in this brochure.

### Why you must complete the Veterinary Science or Veterinary Nursing Value Added Form

- Submission of the Veterinary Science and Veterinary Nursing Value Added Form (VSVAF/VNVAF) is now **compulsory**, and the score achieved for the VSVAF/VNVAF can improve a candidate's chances for selection.
- **Candidates who apply for the BVSc or BVetNurs programme but who do not submit their VSVAF/VNVAF on the online admission system by 30 June, will not be considered for selection.**

### General overview of the Faculty of Veterinary Science

As the only faculty of its kind in South Africa, the Faculty of Veterinary Science has a particular responsibility to ensure that the student body is representative of the demographics of South Africa in order to meet the national need for trained veterinarians and veterinary nurses. The Faculty has the following departments, divisions and centres:

#### Faculty administration

- General administration
- Finances
- Human resources
- Onderstepoort Teaching Animal Unit (OTAU)
- Marketing, communication and fundraising

#### Student administration

- Provides full logistical support to academic departments, students and staff for all undergraduate and postgraduate degree programmes
- Student and academic administration support services in collaboration with similar service providers on the Hatfield Campus of the University

#### Centres

- Equine Research Centre (ERC)
- Centre for Veterinary Wildlife Studies (CWWS)
- University of Pretoria Biomedical Research Centre (UPBRC)

#### Onderstepoort Veterinary Academic Hospital (OVAH)

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

The Faculty of Veterinary Science is based on the Onderstepoort Campus.

Google map  
GPS coordinates

<http://goo.gl/gwjdO9>  
S28° 10' 54" E25° 38' 52"  
(22 km from Hatfield Campus)



## Veterinary Science (BVSc)

### The Bachelor of Veterinary Science (BVSc)

The Faculty endeavours to meet the veterinary needs of the country and the region. The recruitment and selection processes address an informed career choice, excellence, equity and geographic distribution. The full-time BVSc programme is only offered by the Faculty of Veterinary Science of the University of Pretoria and it is the only faculty of its kind in South Africa.

For a young person who likes working with people, and who 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 the mind, the body, as well as the heart. While a love for animals may be a component of the decision to pursue veterinary science or veterinary nursing as a career, a deeper empathy will be required, as well as the passion to improve people's lives by improving food safety and security, coupled with a sense of compassion and caring for animals, their owners and farmers. The course is demanding and requires engagement, dedication and hard work.

Being a veterinarian or a veterinary nurse are both careers with long and often irregular hours, and often involving hard physical work, and will certainly test tolerance levels. The ability to work with animals, but even more so with people, is essential.

Entry into the BVSc programme is highly competitive due to the popularity of the programme and limited available spaces. Selection is based on academic merit and the compulsory Veterinary Science Value Added Form (VSVAFF) (Refer to page 2 as well as Annexures B, D and E).

- Candidates in the internationally recognised six-year BVSc programme will complete a core curriculum over four and a half years (nine semesters) and then conclude their programme

with 18 months of work-integrated training in the core and elective components, and a research project.

- The BVSc programme consists of a combination of lectures, electronic learning opportunities, discussions, demonstrations, seminars, assignments, and group work, practicals and clinical work. The latter is offered mainly in the Onderstepoort Veterinary Academic Hospital and its satellite community clinics, but also include exposure to private practices, state veterinary services, abattoirs and various other related industries.
- Students are supported through tutoring, provision of academic support and other related support services on campus.
- The first year of the programme is a basic science year and is presented on the Hatfield Campus. The remaining veterinary-specific years are presented on the Onderstepoort Campus.
- The language of tuition in this Faculty is English.
- Applications for the BVSc programme close on **31 May**.
- Applicants who are conditionally admitted into the second year of the BVSc programme, based on previous university exposure, will forfeit their placement if they do not pass all modules that are required for entry into the second year of the BVSc programme.
- A graduate who successfully completed the programme will have received broad-based training with a limited elective programme to cater for specific interests. It is regarded to be at level 8 of the National Qualifications Framework (NQF), which means that it will enable the graduate to enter postgraduate programmes at the master's level.
- The faculty offers a range of postgraduate programmes for veterinarians.

**The South African Veterinary Council (SAVC)** controls the ethics and standards of veterinary education and practice in South Africa. All students must register with the Council at first registration in the BVSc programme and are subject to its rules. Registration with the SAVC is a prerequisite for practising as a veterinarian in South Africa.

The University's BVSc degree is also accredited for registration as a veterinarian in the United Kingdom and Australasia.



# Veterinary Science (BVSc)

## Career opportunities for BVSc graduates

The **National Department of Agriculture, Forestry and Fisheries (DAFF)** employs all South African BVSc graduates for a period of 12 months' **Compulsory Community Service (CCS)** following completion of the BVSc programme, and before graduates are allowed to practice as veterinarians in South Africa for any other employer including self-employment. For more information visit [www.daff.gov.za](http://www.daff.gov.za).

### 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 also provide clinical services.

### 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: production animal 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/production 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, participate in community engagement projects and 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 (ie 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.

### 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. This has been a growing field in recent years.

### 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 accredited for registration as a veterinarian in the United Kingdom by the Royal College of Veterinary Surgeons, as well as by the Australasian Veterinary Boards Council and the Veterinary Council of Namibia.



## Veterinary Nursing (BVetNurs)/General information

### The Bachelor of Veterinary Nursing (BVetNurs)

The Faculty endeavours to meet the veterinary nursing needs of the country and the region. The recruitment and selection process addresses an informed career choice, excellence, equity and geographic distribution. The full-time BVetNurs programme is only offered by the Faculty of Veterinary Science of the University of Pretoria and it is the only faculty of its kind in South Africa.

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 and patience. Self-discipline, compassion, honesty, dedication and a sense of humour are recommended attributes.

The course is demanding and requires dedication and hard work. It is a career with long and often irregular hours. The ability to work with both people and animals is essential.

- The language of tuition in this Faculty is English.
- Applications for the BVetNurs programme close on **31 May**.
- The BVetNurs programme requires three years of full-time study. The first and second years of the programme are devoted to didactic teaching and practical skills training. In the third (final) year of the programme students will undergo work-integrated clinical training.
- The BVetNurs programme consists of a combination of lectures, electronic learning opportunities, discussions, demonstrations, assignments and group work, practicals and clinical work. The latter is offered mainly in the Onderstepoort Veterinary Academic Hospital and its community clinics, but may also include exposure to private practices and other facilities.
- Student support provided includes tutoring and academic support.

- Entry into the BVetNurs programme is highly competitive due to its popularity and limited available spaces.
- Selection is based on merit and the Veterinary Nursing Value Added Form (VNVAf) (Refer to page 2 as well as Annexures C, D and E).
- A graduate who successfully completed the programme will have received broad-based training in veterinary nursing. It is regarded to be at the National Qualifications Framework (NQF) level 7. A graduate can enter a post graduate diploma in veterinary nursing which is at NQF level 8.

**The South African Veterinary Council (SAVC)** controls the ethics and standards of veterinary nursing education and practice in South Africa. All students must register with the Council at first registration in the BVetNurs programme and are subject to its rules. Registration with the SAVC is a prerequisite for practising as a veterinary nurse in South Africa.

### Career opportunities for BVetNurs graduates

- Private veterinary practice that could range from urban to 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 feed industries.
- Veterinary nurses are also employed in some provincial and national government departments and 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.





# Annexures

## Annexure A

### Admission Point Score (APS) Conversion Table

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

APS (requirement level for subjects as well as overall APS)	NSC/IEB	SC HG M-score	SC SG M-score	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

**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)  
**AS Level** Advanced Subsidiary Level  
**IB SL** International Baccalaureate Schools (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 for exemption purposes.



# Annexures

## Annexure B

### Bachelor of Veterinary Science (BVSc) 08130005: Selection process

Category	Minimum requirements to be placed on the selection list	Calculation of the Merit Point Score	Maximum number of admissions per study year			
			First year		Second year*	
			Ethnic category		Ethnic category	
			Open	Designated	Open	Designated
<b>A</b>	School-leavers	NSC (Grade 11 for provisional selection) with an APS of 35; 60% for English; 60% for Mathematics and 60% for Physical Science	NSC (Grade 11 for provisional selection) final scores in Mathematics (40%); English (20%); Physical Science (20%); And the VSVAf (20%) (See Annexure D)			
<b>B1</b>	Applicants with university exposure: internal transfers from first year BSc at UP (excluding the BSc Extended programme).	Registered for any BSc programmes at UP including all fundamental modules; AND registered for the following modules: CMY117, WTW134, MLB111, PHY131, MTL180, BME120, CMY127, GTS161 and ZEN161	Average of the following modules: CMY117, WTW134, MLB111, and PHY131) as well as the VSVAf (20%) (See Annexure D)			
<b>B2</b>	Applicants with university exposure: internal transfers from second to final year BSc at UP	Registered for a BSc programme at UP AND completed all fundamental modules AND registered for the following modules: CMY117, WTW134, MLB111, PHY131, MTL180, BME120, CMY127, GTS161 and ZEN161.	UMAS (80%) (See Annexure F); and the VSVAf (20%) (See Annexure D).			
<b>B3</b>	Applicants with university exposure: external transfers (from other universities) from second to final year BSc programmes	A valid NSC with an APS of 35; AND English 60%, Mathematics 60%; Physical Science 60% OR evidence of university tuition in English AND Mathematics, as well as Chemistry and Physics passed at university level. Completed a minimum of 120 credits at South African University level.				
<b>B4</b>	Applicants with university exposure: graduates and postgraduates (degrees completed)	A valid NSC with an APS of 35 AND English 60%, Mathematics 60% Physical Science 60% OR evidence of university tuition in English, AND Mathematics, as well as Chemistry and Physics passed at university level.				
<b>B5</b>	Applicants with university exposure: graduates and postgraduates (degrees completed)	A valid NSC with an APS of 35 AND English 60%, Mathematics 60%; Physical Science 60%; OR evidence of university tuition in English AND Mathematics, as well as Chemistry and Physics passed at university level; AND completed OR obtained credits for the following specific UP modules: CMY117, WTW134, MLB111, PHY131, MTL180, BME120, CMY127, GTS161 and ZEN161				
<b>C</b>	Applicants nominated by DAFF or by Provincial Departments of Agriculture as well as the SANDF or the SAPS	The same requirement apply here as for Category A or B in accordance with entrance level of the applicant.	The same requirements apply here as for Category A or B.			
<b>D1</b>	International school-leavers	A NSC with admission to degree studies with an APS of 35 and English 60%; Mathematics 60%; Physical Science 60% AND the NBT. Note: A proficient pass mark is required in the National Benchmark Test (NBT) for Academic Literacy, Quantitative Literacy and Mathematics OR A required pass mark in the Old SAT score. A minimum Total Test Score of 1600; Mathematics – 550; Critical reading – 550; Writing 500 OR A required pass mark in the New SAT score. A minimum Total Test Score of 1360: Reading and writing combined – 680; Mathematics – 680 AND A Certificate of Complete or Foreign Conditional Exemption issued by Universities South Africa (USAf) must be submitted before registration.	NBT scores in Mathematics (40%); Quantitative Literacy (20%); Language (20%); VSVAf (20%) (Annexure D)			

## Annexures

Category	Minimum requirements to be placed on the selection list	Calculation of the Merit Point Score	Maximum number of admissions per study year			
			First year		Second year*	
			Ethnic category		Ethnic category	
			Open	Designated	Open	Designated
D2	<p>International applicants with university exposure</p> <p>NSC with admission to degree studies with an APS of 35 and English 60%; Mathematics 60%; Physical Science 60% OR Mathematics, Chemistry and Physics passed at university level and evidence of university tuition in English OR UP accepted score in Test of English as Foreign Language (TOEFL) AND the NBT.</p> <p>A proficient pass mark is required in the National Benchmark Test (NBT) for Academic Literacy, Quantitative Literacy and Mathematics OR a required pass mark in the Old SAT score. Minimum Total Test Score of 1600; Mathematics – 550; Critical reading – 550; and Writing – 500 Or a required pass mark in the New SAT score. Minimum Total Test Score – 1360; Reading and writing combined – 680; Mathematics – 680 AND a Certificate of Complete or Foreign Conditional Exemption issued by Universities South Africa (USAf) must be submitted before registration. AND the applicant must have completed equivalent of a minimum of 120 credits at South African University level.</p>	UMAS (80%) (Annexure F); VSVAF (20%) (Annexure D).			5	-
<b>TOTAL</b>			<b>142</b>		<b>48</b>	

\*Only those applicants who have completed, or are registered for the first-year BVSc modules (excluding VPL 100) or equivalent modules, will be considered for selection into the second year.

### 1. School-leavers

- A valid NSC/IEB/Cambridge qualification with admission for degree purposes.
- Subject requirements and the required Admission Point Score (APS) are indicated in the table on page 1 in 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.
- Conditional admission is based on Grade 11 final examination results, final admission on NSC/IEB performance in Mathematics, English and Physical Science, as well as the Veterinary Science Value Added Form (VSVAF) (Refer to Annexures D and E).
- Additional admission criteria may be used including an interview and additional selection tests.
- School-leaving applicants who are conditionally admitted based on their Grade 11 results will forfeit their placement if their NSC APS is more than 2 points lower than the Grade 11 APS used for conditional admission.

### 2. Applicants with previous higher education exposure

There is an opportunity for students with previous higher education experience to also apply for the BVSc programme. Placement in either the first or second year of the BVSc programme will depend on, among others, merit and subject choices. Candidates in this category should also consult Annexure F in this brochure for the calculation of UMAS.

### 3. International students

- A small number of international students may be admitted to the programme, including those from neighbouring Southern African Development Community (SADC) countries.
- Applicants who are accepted receive a letter of confirmation 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.
- The National Benchmark Test (NBT) may be required from international applicants. ([www.nbt.ac.za](http://www.nbt.ac.za))
- International applicants must comply with all UP's and the Department of Home Affairs' regulations related to international students.
- The APS Conversion table appears in Annexure A.
- Please consult the International Cooperation Division's **Newcomer's Guide: 2020** for more information: <http://www.up.ac.za/media/shared/361/isd-newcomers-guide-2018.zp134364.pdf>.

# Annexures

## Annexure C

### Bachelor of Veterinary Nursing (BVetNurs) 08130006: Selection process

			Maximum number of admissions per study year	
Category	Minimum requirements to be placed on the selection list	Calculation of the Merit Point Score	Ethnic category	
			Open	Designated
A	School-leavers <sup>4</sup>	NSC (Grade 11 for conditional admission) APS 28 with English 50%; Mathematics 50%; Physical Science 50%	16	16
B1	Applicants with university exposure <sup>5</sup>	Valid NSC with English 50%; Mathematics 50%, Physical Science 50%; or similar modules passed at university level (English, Mathematics as well as Chemistry and Physics). Registered for or completed a minimum of 60 credits per semester or 120 credits per year over the last 3 semesters (including the current semester).	4	4
B2	Applicants with university exposure: graduates (degree completed) <sup>5</sup>		2	2
C1	International school-leavers <sup>6</sup>	NSC with admission to degree studies with an APS of 28, English 50%; Mathematics 50%; Physical Science (or Physics and Chemistry) 50% <b>AND</b> NBT: A proficient pass mark required in the National Benchmark Test (NBT) for Academic Literacy, Quantitative Literacy and Mathematics <b>OR</b> A required pass mark in the Old SAT score Minimum Total Test Score of 1600; Mathematics: 550 Critical reading: 550 : Writing: 500 <b>OR</b> A required pass mark in the New SAT score Minimum Total Test Score 1360 Reading and writing combined: 680 Mathematics: 680 <b>AND</b> A Certificate of Complete or Foreign Conditional Exemption issued by Universities South Africa (USAf) must be submitted before registration.		4
C2	International applicants with university exposure	NSC with admission to degree studies with APS 28 and English 50%; Mathematics 50%; Physical Science 50% <b>OR</b> Mathematics, Chemistry and Physics passed at university level and evidence of university tuition in English <b>OR</b> UP accepted score in Test of English as Foreign Language (TOEFL) <b>AND</b> NBT: A proficient pass mark required in the National Benchmark Test (NBT) for Academic Literacy, Quantitative Literacy and Mathematics <b>OR</b> A required pass mark in the Old SAT score Minimum Total Test Score of 1600; Mathematics: 550 Critical reading: 550 : Writing: 500 <b>OR</b> A required pass mark in the New SAT score Minimum Total Test Score 1360 Reading and writing combined: 680 Mathematics: 680 <b>AND</b> A Certificate of Complete or Foreign Conditional Exemption issued by Universities South Africa (USAf) must be submitted before registration. <b>AND</b> Completed equivalent of a minimum of 120 credits at South African University level.		2
<b>TOTAL</b>			<b>50</b>	

#### 4. School-leavers

- A valid NSC/IEB/Cambridge qualification with admission for degree purposes is required.
- Subject requirements and the required Admission Point Score (APS) are indicated in the table on page 1 in this brochure. The APS is calculated from the achievement levels obtained in six 20-credit NSC subjects.
- Life Orientation is excluded when calculating the APS.
- Conditional admission is based on Grade 11 final examination results, and final admission on the NSC/IEB performance in Mathematics, English and Physical Science, as well as the Veterinary Value Added Form (VNVAf) (Refer to Annexures D and E).
- Additional admission criteria may be used including an interview and additional selection tests.
- School-leaving applicants who are conditionally admitted based on their Grade 11 results will forfeit their placement if their NSC APS is more than 2 points lower than the Grade 11 APS used for conditional admission.

#### 5. Applicants with previous higher education exposure

There is an opportunity for students with previous higher education experience to also apply for the BVetNurs programme. Also refer to Annexure F for the calculation of UMAS.

#### 6. International students

- A small number of international students may be admitted to the programme, including those from neighbouring Southern African Development Community (SADC) countries.
- Applicants who are accepted receive a letter of confirmation 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.
- The National Benchmark Test (NBT) may be required from international applicants. ([www.nbt.ac.za](http://www.nbt.ac.za))
- International applicants must comply with all UP's and the Department of Home Affairs' regulations related to international students.
- The APS Conversion table appears in Annexure A.
- Please consult the International Cooperation Division's **Newcomer's Guide: 2020** for more information: <http://www.up.ac.za/media/shared/361/isd-newcomers-guide-2018.zp134364.pdf>.

# Annexures

## Annexure D

### Veterinary Science or Veterinary Nursing Value Added Form (VSVAF/VNNAF)

1. The Veterinary Science and Veterinary Nursing Value Added Form (VSVAF/VNNAF) are intended to guide applicants in the type of prior exposure that will help them to make an informed decision about a veterinary or veterinary nursing career and prepare them for their studies.
2. Each applicant's VSVAF/VNNAF is scored (for the purpose of selection) using a rubric. The rubric as well as scores per question may be adjusted annually by the selection committee based on new information and the needs of the Faculty of Veterinary Science and the veterinary or veterinary nursing industries in RSA.
3. Submission of the VSVAF/VNNAF is compulsory and the score obtained contributes 20% towards the Merit Point Score used for admission within each category as explained in Annexure A or B.
4. The final date for online submission of the VSVAF/VNNAF is **30 June**. An applicant who does not submit the VSVAF/VNNAF by 30 June will no longer be considered for selection.
5. Applicants submitting the VSVAF/VNNAF must submit evidence for sections 1 and 3, and must write short paragraphs about their experience in the case of section 2.
6. Applicants can download the form for validation of section 4 (Annexure E) from the UP Student Portal at [www.up.ac.za](http://www.up.ac.za). These forms will be used to validate the evidence provided by the applicant.
7. Prospective BVSc students should shadow a veterinarian and prospective BVetNurs students should shadow a veterinary nurse.
8. Any false information provided by an applicant on the Veterinary Value Added Form may result in immediate cancellation of the application.

**Below is a summary of the content of the Veterinary Value Added Form (VSVAF/VNNAF) that prospective veterinary and veterinary nursing students at the University of Pretoria will complete online after the application is processed.**

The sections used in the VSVAF/VNNAF are as follows:

<p><b>1. Evidence of a balanced lifestyle to promote and sustain personal wellness (sports, culture, leadership, religious, adventure and other such activities)</b></p>	<p><b>2. Animal experience</b></p>
<ul style="list-style-type: none"> <li>▪ School/university official leadership positions</li> <li>▪ School/university/club/provincial or other activities</li> </ul> <p><i>You will be required to upload evidence</i></p>	<p>Personal experience and observation of the following:</p> <ul style="list-style-type: none"> <li>▪ An animal being killed for humane purposes</li> <li>▪ An animal being slaughtered (only for BVSc applicants)</li> <li>▪ An animal giving birth</li> </ul> <p><i>You will be required to reflect on your experience in writing</i></p>
<p><b>3. Evidence of career shadowing and recommendation by a relevant professional person</b></p>	
<p>Indicate if you have accompanied a veterinarian or veterinary nurse (depending on the programme that you are applying for) in the following areas:</p> <ul style="list-style-type: none"> <li>▪ Farm and food animal private practice*</li> <li>▪ Small animal private practice</li> <li>▪ State veterinary office (only for BVSc applicants)</li> <li>▪ Other (research, academia, pharmaceutical)</li> <li>▪ Welfare organisation</li> </ul> <p><i>You will be required to submit proof (Annexure E/F)</i></p> <p>* Farm and food animal private practice include practices working with cattle, horses, sheep, goats, pigs, ostriches, poultry, fish and wildlife.</p>	

## Annexures

### Annexure E: BVSc or BVetNurs

#### Validation form for career shadowing of applicants into the BVSc or BVetNurs programme

Prospective BVSc or BVetNurs students should shadow a veterinarian

*This form must only be completed by an SAVC registered veterinary professional (veterinarian or veterinary nurse), depending on the programme that the prospective student is applying for.*

Name of applicant/prospective student:			
Programme intended to apply for (tick applicable box)		<input type="checkbox"/> BVSc	<input type="checkbox"/> BVetNurs
ID number of applicant/prospective student:			
Name of veterinarian or veterinary nurse:			
SAVC registration no:			
Practice/office/organisation name:			
Contact telephone number of veterinarian or veterinary nurse:			
Period shadowed:		From:	To:
Activities observed by applicant:			
Additional comments by veterinarian or veterinary nurse:			
Signed at (place)			
by (full names of veterinarian or veterinary nurse)			
on this	day of	20	
Signature of veterinarian or veterinary nurse		Signature of applicant/prospective student	

## Annexures

### Annexure F

#### Calculation of the University Module Achievement Score (UMAS) for applicants with previous university exposure

Applicants are ranked based on their academic achievement during the last 3 semesters. In the case of first-time, first-year university students, marks for only one semester will be considered.

Applicants from other universities will be responsible to key in all completed module codes, module names, final grades, credits and the year completed on the UP Student Portal before 30 July. Failed modules must be captured as well. All grades will be validated before the UMAS will be calculated. All transcripts (academic records) for current and previous studies must be uploaded on the UP Student Portal. UP students' results will be transferred and need not be keyed in on the UP Student Portal.

The UMAS calculation is based on the number of completed subjects/modules. The formula returns a score which has a maximum value of 80.

The grid below will be used to calculate the UMAS:

Number of university subjects	Results/grades obtained per university subject				
	>75%	70 – 74%	60 – 69 %	50 – 59%	<50%
3	25.0	20.0	16.7	13.3	1.7
4	19.5	15.5	12.9	10.3	1.3
5	16.0	12.8	10.6	8.4	1.0
6	13.3	11.0	9.0	7.2	0.8
7	11.4	9.7	7.9	6.3	0.7
8	10.0	8.8	7.1	5.7	0.6
9	8.9	7.8	6.5	5.2	0.5
10	8.0	7.0	6.0	4.8	0.5
11	7.3	6.4	5.5	4.4	0.4
12	6.7	5.8	5.0	4.2	0.4
13	6.2	5.4	4.6	3.8	0.4
14	5.7	5.0	4.3	3.6	0.3
15	5.3	4.7	4.0	3.3	0.3
16	5.0	4.4	3.8	3.1	0.3
17	4.7	4.1	3.5	2.9	0.3
18	4.4	3.9	3.3	2.8	0.3
19	4.2	3.7	3.2	2.6	0.2
20	4.0	3.5	3.0	2.5	0.2
<b>Total</b>	<b>80</b>	<b>70</b>	<b>60</b>	<b>50</b>	<b>5</b>

Bonus points are added in the following cases per every degree obtained:

Bachelor's degree completed:	+1
Honours degree completed:	+2
Master's degree completed:	+4
Degree passed with distinction:	+3
Doctoral degree completed:	+5



Photograph courtesy of  
Ms Annemarie Burger

**University of Pretoria | Universiteit van Pretoria | Yunibesithi ya Pretoria**

Private Bag/Privaatsak/Mokotla wa Poso X20

Hatfield 0028, South Africa/Suid-Afrika/Afrika Borwa

Tel +27 (0)12 420 4111, Fax/Faks/Fekse +27 (0)12 420 4555

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



UNIVERSITEIT VAN PRETORIA  
UNIVERSITY OF PRETORIA  
YUNIBESITHI YA PRETORIA