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VETERINARY SCIENCE CAREER GUIDE



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INTRODUCTION

Veterinary Science is a biomedical science, which serves the health interests of farm animals, companion animals, wildlife and humans alike. As such, it deals with the prevention, diagnosis and treatment of animal diseases, the production of safe food and, through the control of diseases transmitted from animals to humans, the health of human beings. The Faculty of Veterinary Science at the University of Pretoria's Onderstepoort campus is the only Faculty in the country that offers the BVSc (Veterinary Science) degree and a University Diploma in Veterinary Nursing (DipVetNurs).

This career guide provides the prospective student with all the information and facts about these two programmes. It explains the path you will have to take to become a veterinarian or a veterinary nurse and gives all the career opportunities in these fields.

THE FACULTY OF VETERINARY SCIENCE UNIVERSITY OF PRETORIA

The Faculty of Veterinary Science at the Onderstepoort campus is internationally renowned for its quality of training and academic excellence. The quality of the training at the Faculty is such that graduates from this faculty have no difficulty to compete for and enter postgraduate programmes at universities in most countries in the world. Taking into account the historical problems of access to all racial groups, the faculty states its intent to actively recruit and select students to ensure that the student body will ultimately reflect national demographics.

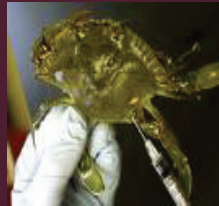


GENERAL INFORMATION: BVSc

The BVSc degree is a 4-year advanced Bachelor's degree offered by the Faculty of Veterinary Science at the Onderstepoort campus of the University of Pretoria. It requires completion of, and follows on a directed custom-made 3-year BSc (Veterinary Biology) degree offered by the Faculty of Natural and Agricultural Sciences of the University of Pretoria. The Faculty of Veterinary Science is involved in the delivery of the programme.

All prospective students who aim to obtain a qualification in veterinary science (BVSc degree) should apply for admission to the first year BSc (Veterinary Biology) degree programme in the Faculty of Natural and Agricultural Sciences of the University of Pretoria. Once admitted, selection to the third year of study of BSc (Veterinary Biology) will take place at the end of the second year as the number of places in the third year of study of BSc (Veterinary Biology) is limited. Upon completion of the BSc (Veterinary Biology) degree, students who want to continue with the BVSc programme will automatically progress to the BVSc programme in the following year. Students, who are not selected for admission to the third year of the BSc (Veterinary Biology) programme, may select an alternative BSc degree in the Faculty of Natural and Agricultural Sciences. Therefore, a limited number of students with completed related degrees, may also be considered for admission to the BVSc programme.

Apart from being the avenue of entry into the professional component of the new veterinary degree programme, the 3-year BSc degree programme will also allow candidates to pursue a number of other career options, such as in molecular biology, genetics and agriculture.



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THE BSc COMPONENT: BSc (Veterinary Biology)

The BSc (Veterinary Biology) degree serves as a direct precursor for the 4-year BVSc degree programme.

Admission requirements for BSc (Veterinary Biology)

National Senior Certificate (NSC) with the following Grade 12 subjects and performance levels:

SUBJECT	PERFORMANCE LEVEL
English or Afrikaans	4
Additional Language	4
Life Orientation	4
Mathematics	4
Physical Science	4
2 Other	4

The M-score is to be replaced by an Admission Point Score (APS) which will be calculated by adding the performance level scores obtained in English or Afrikaans, an Additional Language, Mathematics, Physical Science and 2 other subjects together. A minimum APS of 30 will be required.

Alternative routes to take when failing to meet the above requirements:

- I. A candidate should write an entrance examination for admission to the University of Pretoria BSc extended programme.



- II. Apply for matriculation exemption from the Matriculation Board (Tel (012) 481 2847/8).

Although it is preferable to complete the first year of study at the University of Pretoria, candidates may elect to complete the first year elsewhere. In this instance, the onus will be on the candidate to submit proof of the equivalence of modules (courses) completed in relation to content and scope. The Faculty of Natural and Agricultural Sciences should be approached for the evaluation of the content of such modules **before registering for the degree programme at another University**.

The first year consists of a full year-module in Chemistry, semester-modules in Physics, Mathematics, Molecular Cell Biology and Biometry, and half-semester modules in Genetics, Microbiology, Botany and Zoology.



The second year of study consists of a full year-module in Biochemistry, semester-modules in Microbiology, Genetics, Botany or Zoology or Anatomy and half-semester modules in Animal Science-related modules. Selection will take place at the end of the second year of study, as the third year of study will be a specific custom-made year for completion of the degree BSc (Veterinary Biology).

Staff members of the Faculties of

Natural and Agricultural Sciences and Veterinary Science will participate in the academic offerings of the second and third years of this programme.

The first and second year of the programme will be offered at the Hatfield campus of the University, while the third year will be offered at the Onderstepoort campus.

The third year consists of modules in Veterinary Anatomy/Physiology, Animal Handling and Animal/Biological Sciences. The selection process is based on academic merit in the second year of study and makes provision for the following categories:

1. South African students in the process of completing the BSc (Veterinary Biology) degree
2. Foreign students in the process of completing the BSc (Veterinary Biology) degree
3. Students with other qualifications
4. Repeating students



CAREER OPPORTUNITIES FOR BSc (VETERINARY BIOLOGY)

The candidate can specialise in a number of fields in the Biological, Agricultural or Veterinary Sciences. This would typically include Biochemistry, Microbiology, Genetics (Human, Plant, Animal), Zoology, Soil Science, Animal Science or Wildlife Management, and Food Sciences and Nutrition.

CLOSING DATE FOR APPLICATIONS

The closing date for applications to all BSc programmes offered by the Faculty of Natural and Agricultural Sciences is 30 September.

THE VETERINARY COMPONENT: BVSc

The professional programme is only offered at the Faculty of Veterinary Science of the University of Pretoria at the Onderstepoort campus on a fulltime basis. The language of tuition in this Faculty is English. A well-developed student support system is in place; including mentoring, tutoring, didactic support and medical and psychological counselling.

Candidates wishing to be considered for admission to the professional component of the veterinary programme, should submit their applications before 30 June.

Admission requirements:

The minimum entry requirement is:

- A BSc (Veterinary Biology) degree, or
- A related equivalent qualification and completion of equivalent veterinary modules in anatomy, animal science, biochemistry, genetics, microbiology, pasture science, physiology and production animal behaviour, handling and welfare.

SELECTION OF APPLICANTS

A total number of 135 students will be admitted to the programme. The Faculty endeavours to meet the veterinary needs of the country and the specific requirements of higher education legislation through selection of applicants. The recruitment and selection process is therefore structured in such a way that it will reflect national demographics and Government policy.

A limited number of foreign students may be admitted to the programme. Equivalency of academic credits will be taken into account. Candidates who have already completed any BSc degree and who wish to be considered for BVSc, first have to complete the third year of the BSc (Veterinary Biology), provided they have equivalent modules that are required for admission to that level. Once accepted into this programme, applicants 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.

The first year of BVSc will consist of modules in Applied Anatomy, Applied Physiology, Introductory Clinical Studies, Companion Animal Ethology, Parasitology, General and Organ Pathology, Pharmacology and Toxicology.

Species-specific clinical modules will be introduced in the second year, which will continue, together with other clinical modules, in the third year of study. The final year of study will be a lecture-free clinical and experiential training year in the Onderstepoort Veterinary Academic Hospital, approved satellite and other facilities.

Completion of the degree programme provides the graduate with a broad-based training with an expanding elective programme to cater for specific interests. It will also allow the holder entry into a number of postgraduate study programmes as listed below. On receipt of the BVSc degree, the new graduate is entitled to register with the South African Veterinary Council as a veterinarian. Registration with the South African Veterinary Council is a prerequisite to practice as a veterinarian in South Africa.

VETERINARY SCIENCE AS A CAREER

The veterinarian serves the health interests of farm animals, companion animals, wildlife and humans alike. They play an important role in the economy of the country. They contribute to the creation of wealth by controlling epidemic diseases of animals and increasing the profitability of commercial and small scale farming enterprises. They contribute to the production of sustainable sources of safe protein of animal origin and the prevention of transmission of diseases from animals to humans. Veterinarians also certify the disease (or disease-free) status of animals and the safety of products for local and international trade. Veterinary science thus deals with the prevention, diagnosis and treatment of animal diseases, the production of safe food and, through the control of diseases transmitted from animals to humans, the health of human beings.

CAREER OPPORTUNITIES

Veterinary Science offers rewarding and wide-ranging employment opportunities for the new graduate.

- **Private Practice**

The majority of veterinarians in the country are gainfully employed in private practice, either in their own practice, in partnership, as an assistant or as a locum.



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 and farm animals). The services provided by the private practitioner include clinical services, disease prevention strategies, advice and a whole range of consultative services on nutrition, management, production, reproduction, biotechnology (embryo transfer), etc. Some practices are species-specific (dogs, cats and small pets, cattle, horses), whereas others offer services across species barriers and also cater for wildlife and exotic animals.

- **Research**

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

- **Academia**

Teaching at veterinary, medical, agricultural and natural science faculties.

- **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 and also for food safety and security. In regions where there are no private practitioners present, state veterinarians may also provide clinical services.



- **Private, State and Provincial Diagnostic Laboratories**

The provision of routine or forensic diagnostic services involving disciplines such as pathology, clinical pathology, microbiology and toxicology.



- **Veterinary Public Health**

The production of food safe for human consumption and food security 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 the farm. Veterinarians involved in the field of veterinary public health also play an important role in the control of zoonotic diseases (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.





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- **Consultancy**



Provision of specialised or specialist services to the farm animal and pet industries, i.e. as a consultant in the pig industry, feedlots or specialist practice (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 South African Veterinary Council 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**



Wildlife ranching, conservation and involvement at a zoological institution offer wonderful career opportunities for a veterinarian. Positions in these areas, however, are limited.

- **Poultry Production**



The poultry industry is significant in providing large volumes of animal protein for human consumption and veterinarians play a pivotal role in the poultry industry.

- **Animal Welfare**



The veterinarian is intimately involved in animal welfare in the provision of clinical services, advice and in management issues 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 acknowledged by the United Kingdom and Massey University in New Zealand. The degree is also recognised by the Australasian Veterinary Boards Council and Malaysian authorities.

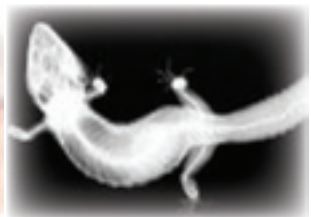
- **Specialist/Postgraduate studies**



After completion of the BVSc degree programme, the student can further his/her studies through various postgraduate programmes, including becoming a veterinary specialist. The Faculty of Veterinary Science presents the BVSc (Hons) degree, the MMedVet, MSc, PhD and DVSc degrees. The Masters degree in Veterinary Medicine (MMedVet), for instance, is a specialist professional degree and equips the student with a broad scientific background in the theoretical and practical aspects of the chosen field of study. The MMedVet-degree allows registration with the SA Veterinary Council as a veterinary specialist

The South African Veterinary Council controls the ethics and standards of veterinary education and practice and all graduates must also register with the Council before being allowed to practice and are subject to its rules under the Act. 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.

The split-degree structure described above is currently being reviewed with the aim of establishing a new single degree structure in the near future.



A bright veterinary anaesthetist with a passion for animals

As a young boy **Brighton Dzikiti** herded his family's cattle on their small Zimbabwean farm. Now he is the only Black veterinary anaesthetist in South Africa, one of not more than ten such experts in the country. Three of them work at the University of Pretoria's Faculty of Veterinary Science.

Although very poor, Dzikiti's parents ensured that all seven of their children received an education. Young Brighton did very well in mathematics and science and wanted to do "medicine".

"But I was too emotional to become a doctor. And I loved animals," he laughed.

In 1997 he obtained a Bachelor of Veterinary Science degree from the University of Zimbabwe (UZ). He joined the university as a teaching assistant in small animal surgery, anaesthesia and radiology.

"I had the interest and the opportunity, so I obtained a Master of Science degree in Veterinary Anaesthesia from Utrecht University, The Netherlands, in 2001," the 35-year-old said.

After lecturing at the UZ, Dzikiti moved to South Africa five years ago.

He joined the UP's Faculty of Veterinary Science as a lecturer, while his wife became a statistician at the main campus. They obtained permanent residency.

"I love Zimbabwe, but we had to move for economical reasons. My salary was not even enough to take me to work," Dzikiti said.

This year he was promoted to senior lecturer at the faculty. He has also published several scientific papers.

Currently he is working on a PhD at Tuks and obtaining registration as a specialist in Veterinary Anaesthesia with the European College of Veterinary Anaesthesia and Analgesia.

He said his qualifications "didn't come on a silver platter", he had to work hard for them.

Dzikiti said there were not many specialists in a specific field in the profession of veterinary science.

"The faculty ensures that every vet is taught all the skills to do their day to day job. But when one specialises, you learn the finer things of the trade," he explained.

Dogs, cats and horses are his main patients, but sometimes it can even be wild animals.

"I enjoy anaesthetising. But it is a dangerous job. I had my fair share of kicks and bites," he joked.

"I like animals a lot. They were put in our care, so it is our duty to look after them," Dzikiti said.

**** INTERVIEW WITH THE PRETORIA NEWS, PUBLISHED ON 25 FEBRUARY 2008** by Hantie Otto**



VETERINARY NURSING: DipVetNurs

ADMISSION REQUIREMENTS

National Senior Certificate (NSC) with the following Grade 12 subjects and performance levels:

Subject	Performance level
English language at Home or First Additional level	4
Life Orientation	4
Life Sciences	4
Mathematics	4
Physical Science	4
2 other	3

The M-score is to be replaced by an Admission Point Score (APS) which will be calculated by adding the performance level scores obtained in English language, Life Sciences, Mathematics, and Physical Science and the two remaining subjects together. A minimum APS of 22 will be required.

Candidates who are in possession of a matriculation exemption certificate obtained before 2008, should have an M-score of at least 12 with Mathematics and either Biology or Physical Science with a minimum mark of 40% at Higher Grade or 50% at Standard Grade.

Calculation of M-Score

SYMBOLS	HIGHER GRADE	STANDARD GRADE
A-symbol (80% or more)	5	4
B-symbol (70% to 79%)	4	3
C-symbol (60% to 69%)	3	2
D-symbol (50% to 59%)	2	1
E-symbol (40% to 49%)	1	0

Applications for matriculation exemption may be made to the Matriculation Board: Tel 012-481 2847/8.

SELECTION FOR ADMISSION

Selection is based on academic merit and the result of a personal interview (where applicable). Transformation in accordance with the policy of the University is taken into consideration during the selection process and will reflect national demographics and Government policy.

The following categories are recognised:

1. South African students with a completed Grade 12 programme.
2. South African students who have completed one or more years of tertiary education.
3. Foreign students.
4. Students who repeat the first year of study of the DVN programme.

A limited number of foreign students may be admitted to the programme. Equivalency of academic credits will be taken into account and a valid study permit obtained in the country of origin is a prerequisite. Foreign students are advised to contact the Prospective Students Division at (012) 420 3111. Once accepted into this programme, applicants will receive a letter of acceptance from the University, which will facilitate their application for a study permit.



ACADEMIC PROGRAMME: The diploma programme requires two years of fulltime study at the Onderstepoort campus of the University of Pretoria. The language of tuition is English. The first year is devoted to basic modules in Anatomy, Physiology, Pharmacology, Ethology, Microbiology, Parasitology, Laboratory Techniques, and General Nursing. It also includes promotion courses in Medical Nursing, Reproductive Nursing and Theatre Practice.

The second year is devoted to Medical Nursing, Reproductive Nursing, Theatre Practice, Anaesthesiology, Radiography and Surgical Nursing. It also includes a semester of clinical training in the Veterinary Academic Hospital and approved private veterinary facilities.

CLOSING DATE FOR APPLICATIONS:

The closing date for applications is **30 June**.

CAREER OPPORTUNITIES IN VETERINARY NURSING

Veterinary nursing is recognised by the South African Veterinary Council as a paraveterinary profession and all qualified veterinary nurses are registered with the Veterinary Council. Registration with the South African Veterinary Council is a prerequisite to practise as a Veterinary Nurse. Veterinary nursing opens up a wide range of rewarding and satisfying career opportunities for the Veterinary Nurse. Wherever there is employment for a veterinarian, there is also a career opportunity for a veterinary nurse.

Veterinary nursing needs a dedicated and motivated person with a special interest to work 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, organising 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: 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 reception.
- Employment in the Veterinary Academic Hospital at the Faculty of Veterinary Science, 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.

GENERAL INFORMATION

APPLICATIONS

Application forms are available from the Client Service Centre of the University of Pretoria at: (012) 420 3111 or e-mail: csc@up.ac.za electronic application forms can be obtained on the web at: www.up.ac.za. Go to *Prospective Students* and click on *Apply at UP*.

PAYMENTS TO THE UNIVERSITY

Any payment to the University of Pretoria i.e. an application fee, reservation fee, registration fee or tuition fee can be made to the following bank accounts:

ABSA Bank

University of Pretoria

Branch: Hatfield

Branch code: 63 20 05

Account number: 214 000 0054

Standard Bank

University of Pretoria

Branch: Hatfield

Branch code: 0154515

Account number: 012 602 604

Deposit slips should be kept as proof of payment, and a reference number must be included with payment.

BURSARIES AND LOANS

Special scholarships and/or loans are available to top achievers who undertake further studies for the first time after grade 12, and who enrol at the University of Pretoria for a degree or diploma programme. Please visit: <http://www.up.ac.za> and click on *Fees & Finance* and go to *Bursaries & Loans*.

The National and Provincial Departments of Agriculture offer bursaries to students interested in agricultural -related fields. Please visit: www.nda.agric.za or enquire at the Faculty of Veterinary Science.

Other scholarships and loans are available as

- Achievement scholarships
- Leadership scholarships
- Scholarships for winners and runners-up of subject olympiads at national level
- Winner of the first prize in the Expo competition for young entrepreneurs
- Scholarships for Expo Gold Medallists
- Scholarships and/or loans offered by the private and public sector

For further information on any of the abovementioned scholarships and loans, consult the brochure “Study Financing” of the University or go to www.up.ac.za



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Ultra Safe SVD UltraDog – World-Class Size Specific Nutrition

Scientific Veterinary Diet UltraDog Veterinary-Exclusive Range is a proudly South African premium brand of dog and cat food developed by South African Veterinarian, Dr Chris van der Merwe. This trusted brand was the first premium brand of “vets only” dog food to be launched in South Africa more than 15 years ago. Identifying with its South African roots, Dr. Ockert Botha, well known South African Veterinarian, himself distinctly accomplished in the establishment of several global firsts in the avian industry, has taken a special interest in SVD UltraDog.

After having completed his studies and being awarded the clinical medal as well as the medal for the best student at Onderstepoort in 1982, he continued his passion through his involvement at the Army Dog School at Voortrekkerhoogte.

He commits to memory his research on Gastro-intestinal diseases and the role of nutrition in German Shepherds with particular fascination. He joined the well known practice of Hatfield Bird and Animal Hospital in 1984. Ockert soon distinguished himself as a world authority on avian and pigeon diseases and lectured on these subjects worldwide to vets and fanciers alike, whilst still maintaining a practice that

accepted daily referrals on specialized surgical cases. Whilst still with Hatfield, he founded the company Medpet in 1988, a supplier of premium, scientifically formulated avian and companion animal products. His acquaintance with demonstrated scientific principles has authenticated him as a specialist in developing several world-first health products demanding global acclaim for their South African origin. Dr Botha has recently been appointed as CEO of SVD UltraDog. Dr Botha has his own visions for SVD UltraDog and UltraCat Ranges:-

ULTRA SAFE

The instigation of specialized safety measures has ensured that UltraDog products are ultra safe. The sourcing of raw materials in terms of the choice of the substance and formulation – as well as the conditions of storage, e.g. temperatures, moisture, and inaccessibility



ULTRA DOG

AFFORDABLE WORLD-CLASS NUTRITION

to rats and mice, are of prime concern. Of particular importance is, of course, the length of storage, which is a major consideration as far as shelf life is concerned. Manufacture is conducted in the same plant where the mother company, Nola Products, manufactures its human products, so quality control and safety of manufacture is exemplary. What's more, in SVD's history of 15 years they have never had a recall due to poisoning or contamination of any nature whatsoever.

ULTRA RELIABLE

The SVD production chain is ultra reliable and able to secure immediate delivery on short notice. Their stock is seldom, if ever, out of supply, and consumers will not be compromised by having to purchase another product, albeit

on a temporary basis. During the recent toxicity crisis that hit the pet food industry, SVD UltraDog was able to increase production by 300% to fill the void of recalls experienced countrywide.

ULTRA AFFORDABLE

SVD UltraDog maintains its economical pricing structure, without compromising on quality. Price increases are kept to the bare minimum – thus avoiding unexpected price wars as and when the consumer market changes.

ULTRA COMMITTED

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FINANCIAL IMPLICATIONS

The average cost of a 3-year BSc degree is approximately R70 000, *excluding* hostel and meal fees. The average cost of the academic component of the Veterinary Science programme at Onderstepoort is approximately R29 000 per annum. The cost of the academic component of the Veterinary Nursing programme is approximately R41 000. The academic fees for BVSc and DipVetNurs include study material and computer usage.

The current cost of hostel accommodation at the University of Pretoria is approximately R14 000 per annum. Meals are provided according to a pre-booking “pay as you order” system and will amount to approximately R15 000 per annum if all meals are taken.

Foreign students from countries other than those in the SADC region, will in addition be subjected to an administrative levy of approximately R 2 500, as well as 2x the above tuition fees.

Other expenses:

- Protective clothing
- Instruments
- Lab coats
- Gumboots
- Windbreakers
- Scalpel blades and surgical gloves
- Registration fee for SAVC
- Rabies vaccination
- Excursions and experiential training at other facilities

LANGUAGE OF TUITION

The language of tuition in the Faculty of Veterinary Science is English. Tests and examinations may also be completed in Afrikaans (in accordance with the language policy of the University of Pretoria).



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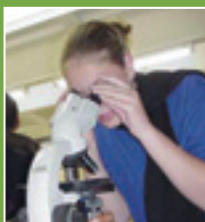
The Faculty of Natural and Agricultural Sciences of the University of Pretoria has four Schools which offer you a variety of degree courses to truly empower yourself to contribute to the growth and development of our country – whether it is producing, researching, developing or calculating:

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Tel: +27 (0) 12 420 4111 Fax: +27 (0) 12 420 4555 Website: www.up.ac.za

*Shanghai Jiao University's Institute for Higher Education listed UP as one of the top-500 universities in the world.

FURTHER INFORMATION

For further information please contact the Client Service Centre of the University of Pretoria at (012) 420 3111 or by e-mail at: csc@up.ac.za.

General information on the University of Pretoria including its faculties of Veterinary Science and Natural and Agricultural Sciences can be obtained on the web at: <http://www.up.ac.za>.

For specific information on the BSc (Veterinary Biology) degree or on the recognition of credits, please contact:

Ms H van Vuuren in the Faculty of Natural and Agricultural Sciences
at (012) 420 2726 or by e-mail: henda.vanvuuren@up.ac.za.
The fax number is (012) 420 4581

For more information on the BVSc degree or Diploma in Veterinary Nursing, please contact:

The Marketing and Communication Division at (012) 529 8394,
Student Administration, Ms K Ras at (012) 529 8476,
and e-mail: karen.ras@up.ac.za.

Specific information on the BVSc degree programme can be obtained from Ms A Burger at (012) 529 8193, e-mail: antoinette.burger@up.ac.za

Visit the Faculty website at: www.veterinary.up.ac.za

Acknowledgements:

We thank the following advertisers and sponsors who made this career guide possible:

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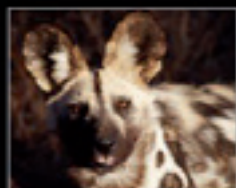
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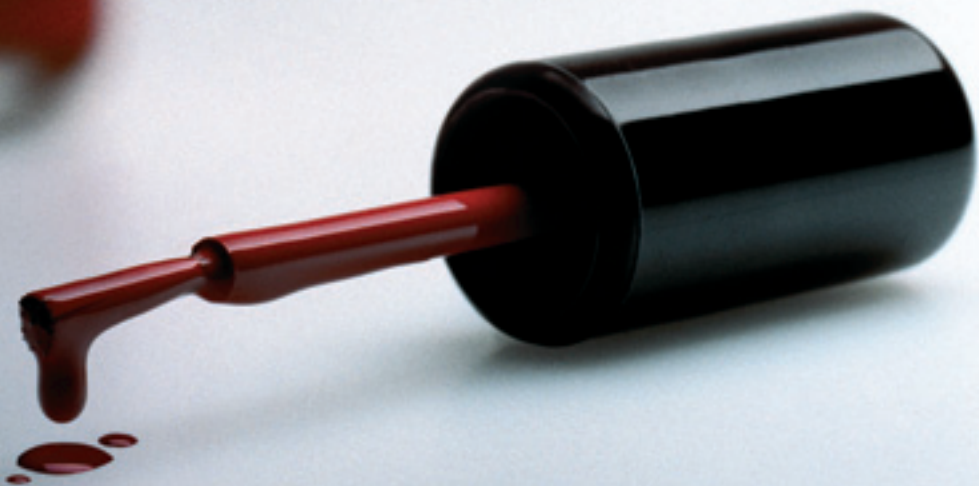


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Admission requirements:

BVSc (Veterinary Science)

- Prior completion of the BSc (Veterinary Biology) degree in the Faculty of Natural and Agricultural Sciences.
- Admission requirements to BSc (Veterinary Biology) include a minimum achievement level of 4 (50-59%) in the subjects Afrikaans or English, one Additional Language, Mathematics, Physical Science, Life Orientation plus two other subjects. The Admission Point Score required is 30. Keep in mind that Life Orientation is excluded when calculating APS.

DipVetNurs (Veterinary Nursing)

- An achievement level of 4 (50-59%) is required

in English, one Additional Language, Life Science, Physical Science, Mathematics, and Life Orientation, but last named subject is excluded from the calculation of APS. The required APS is 22.

Closing dates for applications:

- Faculty of Natural and Agricultural Sciences: 30 September
- Faculty of Veterinary Science: 30 June

More information:

- Client Service Centre: (012) 420 3111, E-mail: csc@up.ac.za
- BSc (Veterinary Biology) degree: Ms Henda van Vuuren at (012) 420 2726

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