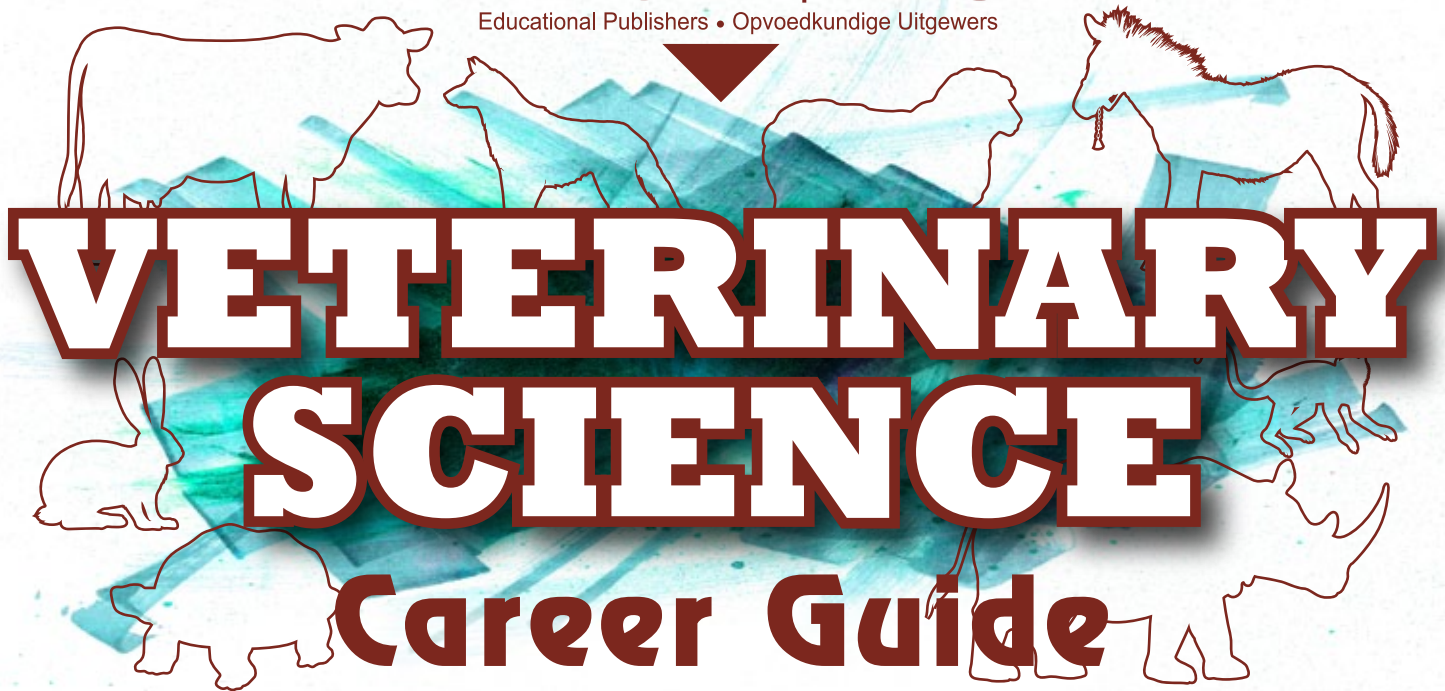


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VETERINARY SCIENCE

Career Guide



UNIVERSITEIT VAN PRETORIA
UNIVERSITY OF PRETORIA
YUNIBESITHI YA PRETORIA
Faculty of Veterinary Science



Health and Welfare Sector
Education and Training Authority
HWSETA



SOUTH AFRICAN
VETERINARY COUNCIL

Veterinary Science Career Guide

ISBN - 978-0-9921823-2-8

First Print October 2013

PROVERTO
Educational Publishers • Opvoedkundige Uitgewers

Published by:

Postal Address:

Street Address:

Tel:

Fax:

Website:

Proverto Educational Publishers

Private Bag X 2, Suite 137, Helderkruijn, Roodepoort, South Africa

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Photographs in this publication were provided by the Faculty of Veterinary Science except if stated otherwise.

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A special thanks to the Faculty of Veterinary Science, University of Pretoria; The Health and Welfare Seta (HWSETA) and the South African Veterinary Council (SAVC) for their valuable contributions in making this free career guide possible!



Engineer

Doctor

Pilot

Architect

Physicist

Veterinarian

The Importance of Maths

Mathematics, Queen and servant of the sciences. In fact, Mathematics is queen and servant of pretty much everything. It is, therefore, important for the learner to appreciate this subject and give it the attention it deserves. It is at this stage that you reach the crossroad; a stage at which you must decide if you will continue with Mathematics in Grade 10 or switch over to Mathematical Literacy.

This is a decision that should not and will not be taken lightly. A number of factors inform this decision. Your love (or lack thereof) of the subject, your attitude, your aptitude, your enthusiasm, determination and work ethic play a big role in this choice.

However, your envisaged post-school career choice will play probably the biggest role. You should bear in mind that entrance requirements for certain degrees like medicine, engineering, financial mathematics, accounting, require a good mark in Grade 12 Mathematics. It is therefore imperative that you take your work seriously in Grade 9 for a sound grounding to make the passage to the FET band an easy one.

Mathematics is fun and should be enjoyed. To ensure success you not only work hard, but also work smart. If you plan and manage your time properly you will see that there is more than ample time for studying. You will need to do maths everyday to ensure success. Good luck and enjoy your schoolwork.

Mr IK Lethage
Lecturer
Department of
Mathematics
University of
Johannes-
burg

...Choose Wisely

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INTRODUCTION

Veterinary science serves the health interests of farm animals, companion animals, wildlife and humans alike. 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 is currently the only Faculty in the country that offers the BVSc (Veterinary Science) degree programme and a University Diploma in Veterinary Nursing (DipVet-Nurs). The Faculty of Veterinary Science has the sole responsibility to train veterinarians and veterinary nurses who are indispensable to the country. It is also the leading veterinary faculty in Africa and enjoys wide-ranging international recognition.

For a young person who is interested in animals and/or 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 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.

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 be accepted for either the BVSc (Veterinary Science) degree programme or the Veterinary Nursing (DipVetNurs) University Diploma in pursuit of a career as veterinarian or veterinary nurse and provides a summary of the career opportunities in these fields.

The career guide also gives a short overview of three para-veterinary professions, namely that of Veterinary Technologist, Animal Health Technician and Laboratory Animal Technologist, the training of which is provided by institutions other than the University of Pretoria's Faculty of Veterinary Science.



UNIVERSITEIT VAN PRETORIA
UNIVERSITY OF PRETORIA
YUNIBESITHI YA PRETORIA
Faculty of Veterinary Science



SIR ARNOLD THEILER
GEBOU / BUILDING

IMPORTANT INFORMATION FOR PROSPECTIVE STUDENTS

All study programmes in the Faculty at Onderstepoort include selection procedures, which are based on academic merit, the result of the National Benchmark Test (NBT - website: www.nbt.ac.za) and completion of a value-added form. Applicants who indicate BVSc or DipVetNurs as their first choice will be given preference. In order to retain provisional admis-

sion, candidates should still comply with the minimum subject and Admission Point Score (APS) requirements based on their National Senior Certificate (NSC) results.

More information can also be obtained on the Faculty of Veterinary Science website: www.veterinary.up.ac.za

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 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 counseling.

CURRENT STUDY PROGRAMME

The four-year BVSc study programme, which required the completion of a directed custom-made three-year BSc (Veterinary Biology) study programme, is now being phased out as a new programme is being implemented. It is envisaged that the old programme will produce its last graduates in 2015.

NEW STUDY PROGRAMME

A core-elective six-year single-degree programme has been developed to replace the existing double-degree programme described above with effect from 2011.

The core-elective study programme is an internationally recognised and recommended approach in which all candidates will complete a core curriculum over four and a half years (nine semesters). They will then complete a chosen elective over the next four months, which will give them increased competencies to enter the profession in their chosen career paths. The training will be concluded with approximately 12 months of experiential training in the core and chosen elective components. The first year of the new study programme will be presented at the Hatfield Campus; the remaining years will be presented at the Onderstepoort Campus.

The first cohort of students completed the first year of the new study programme in 2011 and followed the second year of the new programme at the Onderstepoort Campus in 2012. The first graduates of the new programme will complete their studies in 2016.

Applications close on 31 May.

APPLICATION AND ADMISSION REQUIREMENTS FOR 2014

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 20 of this guide. The APS is calculated from the achievement levels obtained in the six 20-credit subjects of the NSC.
- A completed National Benchmark Test (NBT). Basic performance in any component of this test is regarded as unacceptable.
- A completed value-added form.

Applicants with tertiary exposure

- The first semester of the BSc (Biological Sciences) programme with subjects as indicated in the macro-curriculum of the BVSc study programme. Please consult the website of the Faculty of Veterinary Science, www.veterinary.up.ac.za for more information. Note that details may change in later years of study.
- The first three semesters of the University's BSc (Four-year programme) in the Faculty of Natural and Agricultural Sciences.
- Senior undergraduate and graduate students with exposure to subjects shown in both semesters of the first-year macro-curriculum may be considered for admission to the second year of the BVSc study programme.

Alternative routes for school-leavers with the required subject combinations, but who fail to meet the minimum requirements

Applicants should write the NBT and apply for admission to the University of Pretoria's BSc (Four-year programme) in the Faculty of Natural and Agricultural Sciences.

International students

A small number of international students may be admitted to the study programme, especially those from neighbouring Southern African Development Community (SADC) countries.

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 160 students will be admitted to the first year of the study programme and 190 to the second year from 2014 onwards. The Faculty endeavours to meet the veterinary 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 diversity, excellence, equity, gender and geographic distribution.

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

- School-leavers
- Students with tertiary exposure
- International students
- Students nominated by other bodies

Selection will be based on academic performance, the NBT, the completed value-added form and an interview, if required. The study programme consists of a mixture 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 and its satellite facilities and community clinics.

A graduate who has 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, as listed on page 25. Upon conferment of the BVSc degree, the new graduate is required 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.



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, and cage birds) 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), to mention a few. 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

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 and also 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 in various 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 the farm. 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.

CONSULTANCY

Provision of 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 veterinary 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 employment at a zoological institution offer wonderful opportunities for the veterinarian. However, positions in these fields 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 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.

SPECIALIST/POSTGRADUATE STUDIES

After completion of the BVSc degree programme, the student can further his or her studies through various postgraduate programmes, including becoming a veterinary specialist. The Faculty of Veterinary Science at Onderstepoort offers the BVSc (Hons), MMedVet, MSc, PhD and DVSc degree programmes. The Masters degree in Veterinary Medicine (MMedVet), for example, 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 South African Veterinary Council (SAVC) as a veterinary specialist.

GENERAL

Veterinary science offers a host of rewarding and challenging career opportunities, all of which can bring immense job satisfaction. The South African Veterinary Council (SAVC) controls the standards of veterinary education and practice. All graduates must register with the Council before being allowed to practice, 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.

The BVSc (Veterinary Science) course is demanding and requires dedication and hard work. It is a career with long and often irregular hours. Whatever field of the profession the graduate chooses to pursue, the ability to work with both people and animals is essential.

To watch a video on Veterinary Science, go to <http://youtu.be/Xt9gJVmfxgs>





VETERINARY NURSING (DIPVETNURS)

DipVetNurs is a two-year diploma programme. Veterinary nursing, as a recognized profession, is currently offered only by the Onderstepoort Faculty of Veterinary Science of the University of Pretoria on a full-time basis. The Faculty intends to introduce a degree programme, subject to finding solutions to a number of technical issues.

APPLICATION AND ADMISSION REQUIREMENTS FOR 2014

Applications close on 31 May.

A valid National Senior Certificate (NSC) with university admission is required for all school-leavers who do not have tertiary experience. The Admission Point Score (APS) is calculated from the achievement levels obtained in the six 20-credit subjects of the NSC. Apart from the minimum admission requirements already mentioned, additional requirements include the National Benchmark Test (NBT), and a completed value-added form. Both years of study are presented at the Onderstepoort Campus of the University of Pretoria.

SELECTION OF APPLICANTS

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 will be reviewed on an annual basis and makes provision for the following categories of students:

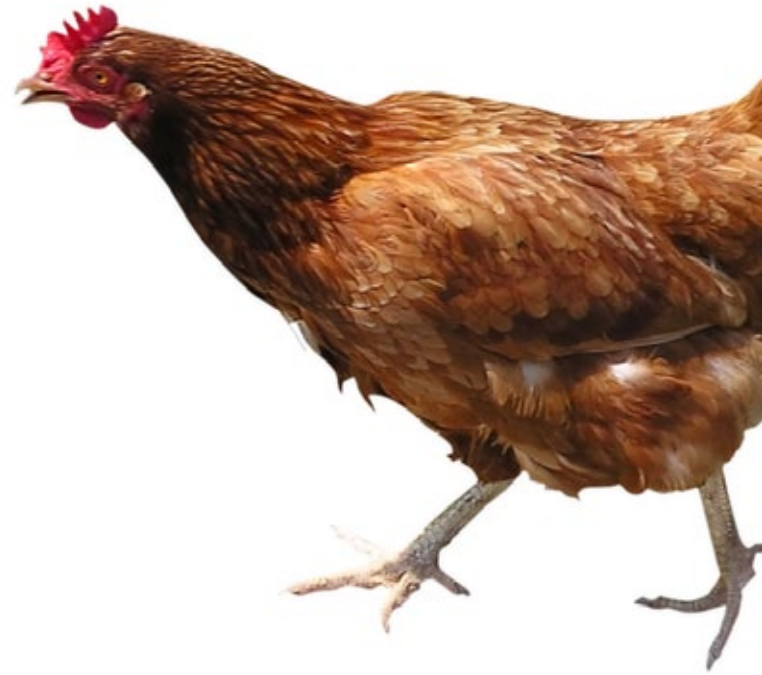
- School-leavers
- Students with tertiary exposure
- International students
- Repeating students

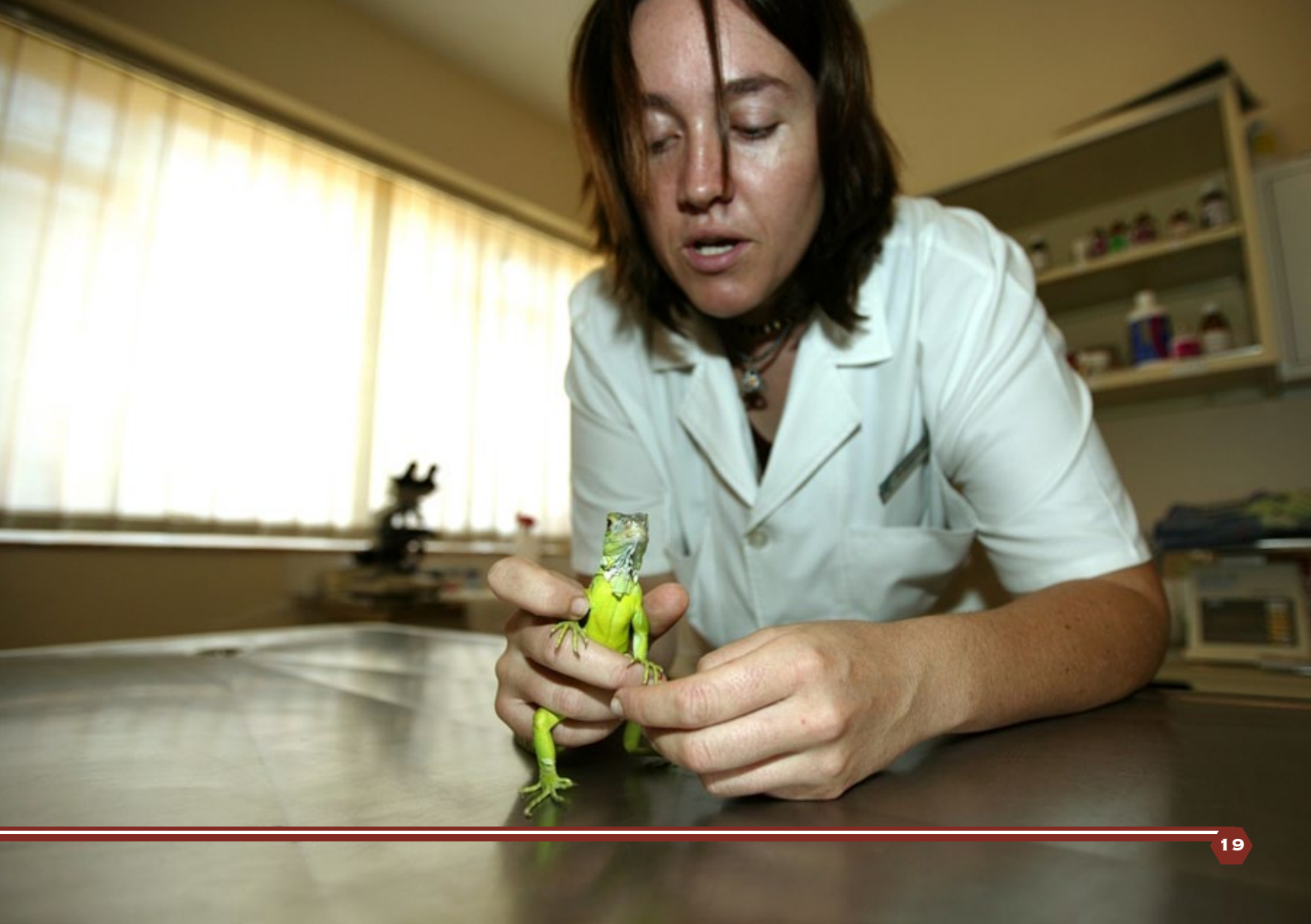
Selection will be based on academic performance, the NBT, and a completed value-added form. A limited number of international students may be admitted to the study programme. Equivalency of academic credits will be taken into account. Once applicants have been accepted for this programme, they will receive 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 requires two years of full-time study. 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 at the Onderstepoort Veterinary Academic Hospital and approved private veterinary facilities.







CAREER OPPORTUNITIES IN VETERINARY NURSING

Veterinary nursing is recognised by the 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. 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 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, 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 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 (OVAH) of the Faculty of Veterinary Science and other veterinary clinics, 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.

To watch a video on veterinary nursing go to
<http://youtu.be/XAucjs0LKmQ>

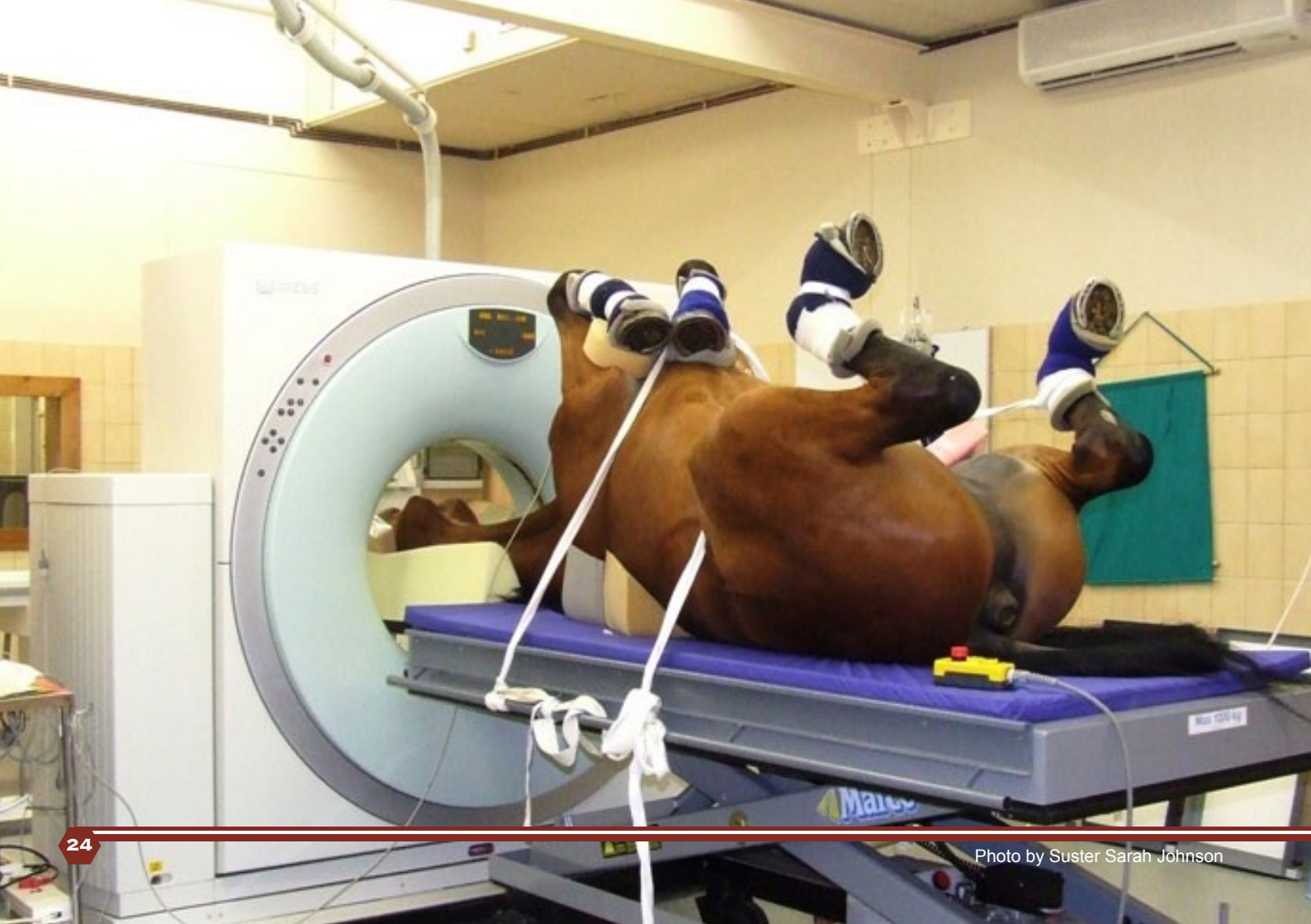


**SUMMARY OF THE MINIMUM REQUIREMENTS AND ACHIEVEMENT LEVELS FOR THE BVSc
AND DIPVETNURS PROGRAMMES**

Study programme Duration Closing dates	Minimum requirements				
	Achievement level				APS
	English	Life Sciences	Mathematics	Physical Science	
BVSc (University degree in Veterinary Science) [6 years] Closing dates: SA – 31 May Non-SA – 31 May <i>NBT is compulsory as part of the selection process</i>	5	-	5	5	32
DipVetNurs (University Diploma in Veterinary Nursing) [2 years] Closing dates: SA – 31 May Non-SA – 31 May <i>NBT is compulsory as part of the selection process</i>	4	4	4	4	24

*** Life Orientation is excluded when calculating the APS





BURSARIES FOR VETERINARY SCIENCE STUDIES

Source: www.veterinary.up.ac.za

Department of Agriculture, Forestry and Fisheries (DAFF)

Full bursaries covering tuition, accommodation and subsistence are available from the national department as well as from provincial departments of agriculture. These bursaries are advertised during the last few months of the year and allocations made at the end of the year for the subsequent academic year. They are all subject to a contract between the department and the recipient. Please contact www.daff.gov.za or go to www.up.ac.za/feesfunding

University of Pretoria (UP)

The Faculty receives an allocation for bursaries on an annual basis. These bursaries may be full or partial bursaries depending on the availability of funds. They are specifically aimed at assisting students with financial need. Click on www.up.ac.za/feesfunding under Fees and Funding – Undergraduate Funding – Funding: UP Managed Bursaries

NSFAS

Students may apply for assistance from this source on an annual basis. Allocations are made to students with proven financial need according to accepted formulas. These allocations are initially in the form of loans but may be converted to

partial or full bursaries under specific circumstances. See their website at www.nsfas.org.za or go to www.up.ac.za/feesfunding under Fees and Funding – Undergraduate Funding – Funding: Loans (NSFAS and other)

Miscellaneous

The Office of the Director: Teaching and Learning of the Faculty of Veterinary Science assists in the administration of a small number of bursaries sponsored by various trusts and wills, some directly and others in liaison with the bursary section of the University. The majority of these cover tuition fees either partially or in full.

SA Veterinary Foundation (SAVF)

The Foundation makes a small number of partial bursaries available on an annual basis. Go to <http://www.savf.org.za/>

Industry and private companies

Various companies are willing to sponsor veterinary students – details are available from the Client Service Centre (CSC) of the University of Pretoria (012) 420 3111

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WV110
mA 38
TI 5.8
OT 0.0
SL 1.0
ST2 00
T20s LOPS 1

10cm



WV110
mA 38
TI 5.8
OT 0.0
SL 1.0
ST2 00
T20s LOPS 1

10cm

EqTeethSinus (Adult)

WOLHUTER - JL, CAPITAL UNITY

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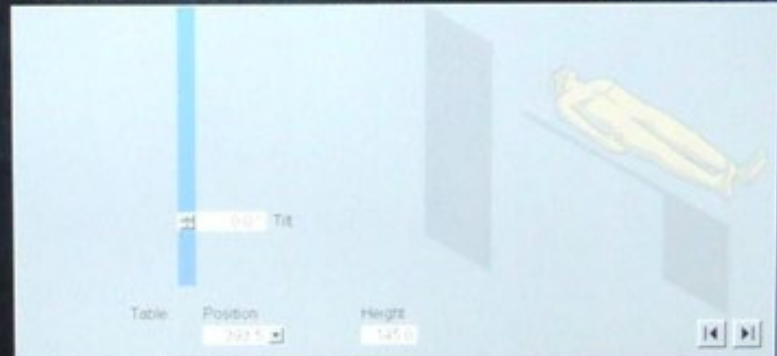
Total mAs:

5792



Topogram

EqTeeth/Sinus



Table

Position

Height

122.5

145.0



COST OF STUDY

More information on the estimated tuition fees for Veterinary Science and Veterinary Nursing can be obtained by consulting the University of Pretoria website at www.up.ac.za/feesfunding

All amounts are subject to change and should not be considered to be the final cost. The current inflation rate can be used as guideline to estimate the increase in tuition fees.

THE FACULTY OF VETERINARY SCIENCE OF THE UNIVERSITY OF PRETORIA

The quality of the Faculty's training is such that graduates from this Faculty have no difficulty competing for and entering postgraduate programmes at universities in any country in the world. Its graduates are partners in or principals of private practices, and occupy managerial positions in industry and public service institutions across the world.

The Faculty's campus compares most 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, as well as for the provision of a national referral service. The new, modern student accommodation that was officially opened on this Campus in 2012 has contributed to the University's plans to significantly expand its Faculty of Veterinary Science. Furthermore, new additions to the Faculty are underway which include a new multidisciplinary laboratory, a new skills laboratory, a new student centre and offices for student administration and a Client Service Centre.

Apart from the two undergraduate programmes for the training of veterinarians (BVSc) and veterinary nurses (DipVetNurs), the Faculty also offers the following postgraduate degree programmes:

- BVScHons
- MMedVet
- MSc (Veterinary Science)
- MSc (Veterinary Tropical Diseases)
- MSc (Veterinary Industrial Pharmacology)
- MSc Option: Animal/Human/Ecosystem Health
- MSc (Veterinary Epidemiology)
- MSc (Veterinary Reproduction)
- MSc (Ruminant Health)
- PhD
- DVSc



PARA-VETERINARY QUALIFICATIONS OFFERED BY OTHER INSTITUTIONS

ANIMAL HEALTH TECHNICIANS

Animal health technicians fulfil an important task with regard to the health of both the animal and human population in South Africa. They are mainly responsible for the maintenance of primary animal health care. As is the case with a veterinarian and a veterinary nurse, no person may practise the profession of an Animal Health Technician unless that person is registered with the South African Veterinary Council (SAVC). The University of the North West (B.Sc. Agric (Animal Health), the University of South Africa (Unisa) and some Universities of Technology offer training for the Animal Health Technician, for example, a Diploma and National Diploma in Animal Health.

LABORATORY ANIMAL TECHNOLOGISTS

Laboratory animal technologists are obliged to serve the public to the best of their ability by maintaining the highest standard of humane care of experimental animals. Among other things they are responsible for the clinical observation and preparation of animals for surgery, monitoring of animals before, during and after an operation, assisting with experimental surgical procedures, and performance of minor surgical procedures, collection of body fluids including blood, urine and tissues including smears, faeces, post mortal samples and bacterial swabs for diagnostic and experimental purposes. They also administer scheduled substances for anesthesia and euthanasia as well as the capture and transportation of wild animals for the purpose of

research. The profession may only be practised when the Technologist is registered with the South African Veterinary Council (SAVC). Among others, the Tshwane University of Technology (TUT) offers a National Diploma in Laboratory Animal Technology.

VETERINARY TECHNOLOGISTS

Veterinary technologists support the foundation of the veterinary diagnosis and assist and promote research through veterinary technology. Veterinary Technologists conduct laboratory tests on plant matter, feeds, blood or organs for the isolation of micro-organisms for veterinary purposes, serological tests, biochemical analyses, and chemical and biochemical tests to determine the presence of toxins, the identification of internal and external parasites and the preparation of histological preparations for examinations. They also conduct laboratory procedures which are required for specific veterinary examinations or research projects. They furthermore prepare veterinary biological products for diagnostic tests, and vaccines for the prevention of diseases. The Veterinary Technologist must also be registered with the South African Veterinary Council (SAVC) to practise the profession. The National Diploma in Veterinary Technology qualification is offered by Universities of Technology.



THE ROLE OF THE SOUTH AFRICAN VETERINARY COUNCIL (SAVC)

Source: www.savc.co.za

The South African Veterinary Council (SAVC) is a representative organisation of the veterinary and para-veterinary professions, promoting the health and well-being of all peoples of South Africa through the promotion of animal health, production and wellbeing. The South African Veterinary Council seeks, through the statutes of the Veterinary and Para-Veterinary Professions Act, 1982 to:

- serve the interests of the people of South Africa by promoting competent, efficient, accessible and needs-driven service delivery in the animal health care sector;
- protect the health and well-being of animals and animal populations;
- protect and represent the interests of the veterinary and para-veterinary professions;
- regulate the professional conduct of the veterinary and para-veterinary professions;
- set and monitor standards of both education and practice for the veterinary and para-veterinary professions.

All students and graduates must register with the SAVC. For more information, please contact the SAVC Registration Section on registration@savc.org.za



SOUTH AFRICAN
VETERINARY COUNCIL



FURTHER INFORMATION

For more information on Veterinary Science and Veterinary Nursing please contact the Client Service Centre (CSC) of the University of Pretoria at (012) 420 3111 or by e-mail at csc@up.ac.za. The CSC's parent's page can be visited at www.up.ac.za/parents.

To obtain more information on the Faculty of Veterinary Science and its courses visit its website at www.veterinary.up.ac.za. You can also contact Mr Joe Vhengani at (012) 529 8061 or joe.vhengani@up.ac.za

For more information on the South African Veterinary Council (SAVC), go to www.savc.org.za

The professional organisation for the promotion of the interests of Veterinary Nurses in South Africa is the Veterinary Nurses Association of South Africa (VNASA). Visit their website at www.vnasa.co.za.

Further information about Veterinary Technology qualifications can be obtained at:
<http://www.tut.ac.za/Prospectus/2013/faculties/science.htm>.

Go to the website of the North West University at <http://www.nwu.ac.za> (Faculty of Agriculture, Science and Technology) to find out more about their Animal Health qualifications. The University of South Africa (Unisa) also offers a National Diploma in Animal Health. Visit their website at <http://www.unisa.ac.za> to get more information.

LINKS

- ▼ www.up.ac.za
- ▼ www.veterinary.up.ac.za
- ▼ www.proverto.co.za
- ▼ www.vnasa.co.za
- ▼ www.tut.ac.za
- ▼ www.nwu.ac.za
- ▼ www.unisa.ac.za
- ▼ www.savc.org.za

Request: Health & Welfare Career Guide

Name:

Municipal Area:

Surname:

ID Number: (if available)

Code:

Home Language:

Gender:

male

☐

female

☐

Ethnicity: African

☐

Coloured

☐

Indian/Asian

☐

White

☐

Address:

Province:

Telephone number:

Cell:

E-mail:

Remarks on career guides:

Would you like us to send you the HWSETA career guide?

yes

☐

no

☐

Are you currently a student/learner?

yes

☐

no

☐

Do you have internet access?

yes

☐

no

☐

Are you interested in a particular career in health or social development?
Please fill in below. (Eg. Social work professional, nursing, veterinarian etc.)

Post this form to: Proverto, Private Bag x2, Postnet Suite 137, Helderkruijn, Roodepoort, 1733,
Fax to: (011) 764 6245
or Scan and Email your request to: info@proverto.co.za



Vision

The creation of a skilled workforce for the health and social development needs of all South Africans.

Mission

The Health and Welfare Sector Education and Training Authority endeavours to create an integrated approach to the development and provision of appropriate skilled health and social development workers, to render quality services comparable to world-class standards.

Philosophy

The HWSETA espouses the philosophy of a better life for all through people development.

The HWSETA's Mandate

The Health and Welfare Sector Education and Training Authority (HWSETA) is one of the SETAs established by the Minister of Labour, Mr MMS Mdladlana, on 20 March 2000 to realise the goals the goals of the Skills Development Act of 1998. The HWSETA operates in the health and social development sectors and espouses the philosophy of a better life for all through people development.

Tel: (011) 607 6900

Fax: (011)616 8939

hwseta@hwseta.org.za

www.hwseta.org.za

Postal Address: Private Bag X 15, Gardenview, 2047

Physical address: 17 Bradford Road, Bedfordview, Gauteng

For information on the National Qualifications Framework and assistance in choosing the right qualification and provider for your career contact 0860111673 or send an email to help@nqf.org.za or visit www.nqf.org.za

OP 4 RHINOS

Faculty of Veterinary Science
University of Pretoria

The protection of the rhino has become an emotive and urgent matter due to the increase in rhino poaching across South Africa and other parts of Southern Africa. The Faculty of Veterinary Science at the Onderstepoort (OP) Campus of the University of Pretoria is involved in various projects in support of this cause.



One of these is the Veterinary Genetics Laboratory (VGL), which is managing the RhODIS™ project by collecting DNA samples of rhinos across the country to create a database using the unique DNA profile of individual rhinos. This database has already grown to include the profiles of over 5 000 black and white rhino from South Africa in just over a year.

Run4Rhinos is a student initiative to help in the plight of the rhino. In 2012, the students organised an inaugural 5 km and 10 km fun run at the University of Pretoria's Sports Grounds to raise awareness and funds for the crucial work of the VGL. Through a collective effort, they raised R65 000, which was handed over to the VGL on the occasion of Faculty Day 2012. A life-sized fibreglass rhino was pivotal to this initiative and will in future also be used in related events or projects. The event was successfully repeated in 2013 in conjunction with the Hatfield City Improvement District (CID). **Run4Rhinos** will be an annual event, which will be utilised to create awareness about the plight of the rhino and to raise funds for projects associated with the protection of the rhino under the OP 4 RHINOS banner.

** The fibreglass rhino was constructed by Simplet Fibreglass with the generous financial assistance of *Wildlife Pharmaceuticals* **

