

University of Pretoria Yearbook 2022

BVSc (08130005)

Department Veterinary Science Dean's Office

Minimum duration of study 6 years

Total credits 835

NQF level 08

Programme information

This programme is accredited with the South African Veterinary Council (SAVC), Royal College of Veterinary Surgeons (RCVS) and the Australasian Veterinary Boards Council (AVBC).

Each student must apply immediately after registration at UP, to the Registrar of the South African Veterinary Council for registration as a student in Veterinary Science. Registration is compulsory and must be renewed annually for the duration of the study.

After the degree has been conferred, graduates are required to register with the South African Veterinary Council as veterinarians before they may practise in South Africa in this capacity.

After completing the degree a Compulsory Community Service (CCS) year is required by the state. Graduates will be employed for one year of Compulsory Community Service by the national Department of Agriculture, Land Reform and Rural Development (DALRRD). More information can be obtained from DALRRD.

Also refer to General Regulations G1-G15.

Admission requirements

Important information for all prospective students for 2022

- The admission requirements apply to students who apply for admission to the University of Pretoria with a **National Senior Certificate (NSC) and Independent Examination Board (IEB) qualifications**.
- **Applicants with qualifications other than the abovementioned** should refer to:
 - **Brochure:** Undergraduate Programme Information 2022: Qualifications other than the NSC and IEB, available at [click here](#).
- **Citizens from countries other than South Africa (applicants who are not South African citizens)** should also refer to:
 - **Brochure:** Newcomer's Guide 2021, available at [click here](#).
 - **Website:** [click here](#).
- **School of Tomorrow (SOT), Accelerated Christian Education (ACE) and General Education Development Test (GED):** The University of Pretoria no longer accepts qualifications awarded by these institutions.
- **National Certificate (Vocational) (NCV) Level 4:** The University of Pretoria may consider NCV candidates, provided they meet the exemption for bachelor's status criteria and the programme requirements.

Transferring students

A transferring student is a student who, at the time of application for a degree programme at the University of Pretoria (UP) –

- is a registered student at another tertiary institution, **or** was previously registered at another tertiary institution and did not complete the programme enrolled for at that institution, and is not currently enrolled at a tertiary institution, **or** has completed studies at another tertiary institution, but is not currently enrolled at a tertiary institution, **or** has started with tertiary studies at UP, then moved to another tertiary institution and wants to be readmitted at UP.

A transferring student will be considered for admission based on

- an NSC or equivalent qualification with exemption to bachelor's or diploma studies (whichever is applicable); **and** meeting the minimum faculty-specific subject requirements at NSC or tertiary level; **or** having completed a higher certificate at a tertiary institution with faculty-specific subjects/modules passed (equal to or more than 50%), as well as complying with faculty rules on admission;
- previous academic performance (must have passed all modules registered for up to the closing date of application) or as per faculty regulation/promotion requirements;
- a certificate of good conduct.

Note: Students who have been dismissed at the previous institution due to poor academic performance, will not be considered for admission to UP.

Returning students

A returning student is a student who, at the time of application for a degree programme –

- is a registered student at UP, and wants to transfer to another degree at UP, **or** was previously registered at UP and did not complete the programme enrolled for, and did not enrol at another tertiary institution in the meantime (including students who applied for leave of absence), **or** has completed studies at UP, but is not currently enrolled or was not enrolled at another tertiary institution after graduation.

A returning student will be considered for admission based on

- an NSC or equivalent qualification with exemption to bachelor's or diploma studies (whichever is applicable); **and** meeting the minimum faculty-specific subject requirements at NSC or tertiary level; **or** previous academic performance (should have a cumulative weighted average of at least 50% for the programme enrolled for);
- having applied for and was granted leave of absence.

Note: Students who have been excluded/dismissed from a faculty due to poor academic performance may be considered for admission to another programme at UP. The Admissions Committee may consider such students if they were not dismissed more than twice. Only ONE transfer between UP faculties will be allowed, and a maximum of two (2) transfers within a faculty.

Important faculty-specific information on undergraduate programmes for 2022

- 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, which are based on merit within different categories.
- The following persons may be considered for admission:
 - applicants who are currently in their final school-year and have applied with their final results of the preceding year of schooling (Grade 11 or equivalent);
 - applicants who have completed their final school-year, but have not yet commenced further studies;
 - applicants who are in possession of a certificate that is deemed by the University to be equivalent to the

required National Senior Certificate (NSC) with university endorsement. This certificate must be certified by Universities South Africa (USAf);

- applicants who are currently enrolled for tertiary education;
- applicants who are graduates from another tertiary institution, or have been granted the status of a graduate of such an institution; and
- applicants who are graduates of another faculty at the University of Pretoria.
- To retain conditional admission applicants need to comply with the minimum subject requirements based on their final school-year examination results.
- South African school-leaving applicants enrolled for the NSC or IEB who have forfeited their placement and who still comply with the minimum requirements will automatically be considered in the second round of selection in January.
- Incomplete applications will not be considered and any false information or any deliberate omission of information provided by an applicant in his/her application may result in immediate cancellation of the application, admission or registration.

Selection categories

School leavers

- A school leaver is someone who has never been registered in a tertiary education programme.
- A valid NSC/IEB or equivalent qualification with admission for degree purposes.
- Subject requirements and the required Admission Point Score (APS) are indicated in the table below. 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.
- For applicants in the NSC or IEB schooling systems, conditional admission is based on Grade 11 final examination results and the Veterinary Science Value-added Form (VSVAf), and final admission is based on maintaining a similar performance in the NSC/IEB final examinations.
- For applicants from other schooling systems conditional admission is based on the final results of the year preceding the last year of schooling or equivalent, and final admission is based on submitting a certificate for admission to degree studies or complete or conditional exemption by USAf.
- 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 Merit Point Score based on final NSC (or equivalent qualification) results is more than 5% lower than that based on final Grade 11 scores that resulted in selection.

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.

Citizens from countries other than South Africa (applicants who are not South African citizens)

- A small number of students from countries other than South Africa (applicants who are not South African citizens) are admitted to the programme, including those from neighbouring Southern African Development Community (SADC) countries.
- If an applicant has multiple citizenships which includes South African citizenship, he/she will be considered as a South African applicant.
- 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.
- Applicants from countries other than South Africa (applicants who are not South African citizens) must comply

with all UP and the Department of Home Affairs' regulations relating to students in this category.

- Please consult the International Cooperation Division's **Newcomer's Guide** for more information: [click here](#)

Conditional admission

- Conditionally admitted applicants forfeit their placement if they do not comply with the relevant conditions.

University of Pretoria website: [click here](#)

Enquiries: [click here](#)

Minimum requirements

Achievement level

English Home

Language or

English First

Additional

Language

NSC/IEB

5

Mathematics

NSC/IEB

5

Physical Sciences

NSC/IEB

5

APS

35

Proposed second choice programmes for BVSc are BSc (Biological Science), BSc (Zoology) and BScAgric (Animal Science). These programmes are also recommended for applicants who intend to apply again for a transfer to the BVSc programme in 2023 or later. Note: Students who intend to apply for admission to BVSc may register for BSc (Biological Sciences) modules, including Medical Terminology (MTL 180).

Additional requirements

Refer to the undergraduate admission regulation of the Faculty of Veterinary Science.

Examinations and pass requirements

The following rules apply to undergraduate programmes in the faculty, with the exception of pass requirements of service modules presented by other faculties:

Also refer to UP General Regulations and Rules

- Attendance of all lectures, practicals and clinical duties is compulsory. Absence must be justified by submission of a medical certificate or valid documentation, within three working days after returning. Failure to comply may lead to examination refusal.
- Students in all undergraduate programmes in the faculty must register for all modules in a particular year of study and may not deregister modules.
- A student who fails one or more modules fails the particular year of study and must repeat the failed module(s) before being promoted to the next year of study.
- In addition to clause iii., a fourth, fifth or final year student in the BVSc programme or a second year student in the BVetNurs programme who fails a module or modules, has to repeat, all the modules for that particular year of study, except modules which were passed with a final mark of 65% or more, for which full exemption is granted during the repeat year.
- For students repeating the fourth, fifth or sixth year of the BVSc programme, or the second year of the BVetNurs programme, exemption from the examination is granted for a module that was passed in the previous (failed) year if all lectures, practicals and/or clinical duties were attended and a year/semester mark of at least 50% was obtained in the repeat year.

- vi. The semester/year mark and examination mark contributes 50% each towards the final mark for all modules with examinations.
- vii. A student is required to obtain a minimum semester/year mark of 40%, a minimum of 40% in the examination as well as a final mark of at least 50% to pass a module. A subminimum of 40% in subdivisions of theoretical and/or practical examinations may be required as stipulated by the Dean in consultation with the head of department concerned, and as set out in the study guide.
- viii. The content, format and duration of the supplementary, extra-ordinary, and/or special examination will be similar to that of the examination, except for oral examinations, where the supplementary, extra-ordinary, and/or special examination may be in a different format.
- ix. Semester tests and examinations are conducted as stipulated in the Faculty Calendar.
- x. A student applies for admission to an extra-ordinary assessment using the Faculty's relevant standard operating procedure which is managed by student administration.

Exclusion

- xi. A student who is not permitted to re-register in terms of UP General Regulation G3.2 a) and b) is automatically excluded at the end of the academic year.
- xii. A student who fails a particular year of study for the second time is automatically excluded.

Re-admission and dismissal

- xiii. A student who has been excluded may apply online by the specified deadline to the Faculty Appeals Committee for consideration for re-admission, failing which the student is dismissed.
- xiv. The Faculty Appeals Committee has discretion to either readmit an excluded student, or to deny the appeal, in which case the student is dismissed.

Practical/clinical/internship information

Clinical experience (including practical work)

Proof of satisfactory completion of prescribed clinical and practical components of the programme as prescribed in the relevant study guide(s) must be submitted to the relevant Head of Department : prior to the commencement of the examinations. Failure to do so may lead to examination refusal.

Pass with distinction

The BVSc degree is conferred with distinction on a student who has obtained a cumulative weighted average (not rounded) of at least 75% over the last three years of study. The cumulative weighted average is calculated as the average score of the weighted averages per year of the last 3 academic years as indicated on a student's academic record.



Curriculum: Year 1

Minimum credits: 126

Fundamental modules

Academic information management 111 (AIM 111) - Credits: 4.00

Academic information management 121 (AIM 121) - Credits: 4.00

Language and study skills 110 (LST 110) - Credits: 6.00

Academic orientation 108 (UPO 108) - Credits: 0.00

Core modules

Biometry 120 (BME 120) - Credits: 16.00

Chemistry 151 (CMY 151) - Credits: 16.00

Introductory genetics 161 (GTS 161) - Credits: 8.00

Molecular and cell biology 111 (MLB 111) - Credits: 16.00

Medical terminology 180 (MTL 180) - Credits: 12.00

Physics for biology students 131 (PHY 131) - Credits: 16.00

Veterinary professional life 101 (VPL 101) - Credits: 4.00

Mathematics 165 (WTW 165) - Credits: 16.00

Animal diversity 161 (ZEN 161) - Credits: 8.00



Curriculum: Year 2

Minimum credits: 128

** VPL 122 is not included when calculating credits: this is the online version of VPL 101 only applicable to students admitted to the BVSc programme in the second year.

Core modules

Animal production systems and principles of breeding 200 (VAP 200) - Credits: 8.00

Veterinary comparative anatomy 201 (VCA 201) - Credits: 28.00

Veterinary microbiology 210 (VEM 210) - Credits: 6.00

Veterinary ethology 202 (VET 202) - Credits: 18.00

Veterinary immunology 220 (VIM 220) - Credits: 6.00

Principles of animal nutrition 224 (VKU 224) - Credits: 12.00

Veterinary physiology and histology 200 (VPH 200) - Credits: 33.00

Veterinary professional life 122 (VPL 122) - Credits: 4.00

Veterinary professional life 201 (VPL 201) - Credits: 5.00

Pasture science 213 (WDE 213) - Credits: 12.00



Curriculum: Year 3

Minimum credits: 128

Core modules

General surgery 310 (GNS 310) - Credits: 7.00

General and organ pathology 300 (GOP 300) - Credits: 30.00

Introductory veterinary diagnostics 300 (IVD 300) - Credits: 20.00

Veterinary toxicology 300 (TOX 300) - Credits: 14.00

Veterinary infectious diseases 300 (VIP 300) - Credits: 14.00

Ethnoveterinary medicine 310 (VME 310) - Credits: 3.00

General veterinary pharmacology 300 (VPH 300) - Credits: 14.00

Veterinary professional life 301 (VPL 301) - Credits: 6.00

Veterinary parasitology 300 (VTP 300) - Credits: 20.00



Curriculum: Year 4

Minimum credits: 132

Core modules

- Anaesthesiology 420 (ANV 420) - Credits: 7.00
- Clinical pathology 410 (CLP 410) - Credits: 7.00
- Diagnostic imaging 400 (DIM 400) - Credits: 14.00
- Diagnostic pathology 401 (DPT 401) - Credits: 12.00
- Veterinary epidemiology 420 (EPL 420) - Credits: 10.00
- Equine medicine and surgery 400 (EQM 400) - Credits: 19.00
- Small animal medicine and surgery 410 (SAS 410) - Credits: 21.00
- Small animal medicine and surgery 420 (SAS 420) - Credits: 21.00
- Veterinary professional life 401 (VPL 401) - Credits: 7.00
- Veterinary reproduction 400 (VRP 400) - Credits: 14.00



Curriculum: Year 5

Minimum credits: 161

Core modules

Diagnostic pathology 511 (DPT 511) - Credits: 12.00

Porcine health and production 510 (PHP 510) - Credits: 5.00

Poultry health and production 510 (PLY 510) - Credits: 5.00

Ruminant medicine and surgery 510 (RUM 510) - Credits: 24.00

Ruminant production medicine and herd health 511 (RUM 511) - Credits: 16.00

Veterinary core practice 520 (VCP 520) - Credits: 52.00

Veterinary elective practice 520 (VEP 520) - Credits: 8.00

One health 510 (VOH 510) - Credits: 4.00

Veterinary public health 510 (VPH 510) - Credits: 14.00

Veterinary professional life 511 (VPL 511) - Credits: 8.00

Veterinary research report 520 (VRE 520) - Credits: 8.00

African wildlife management and conservation 510 (WMC 510) - Credits: 5.00



Curriculum: Final year

Minimum credits: 160

Core modules

[Veterinary core practice 610 \(VCP 610\)](#) - Credits: 52.00

[Veterinary core practice 620 \(VCP 620\)](#) - Credits: 52.00

[Veterinary elective practice 610 \(VEP 610\)](#) - Credits: 24.00

[Veterinary elective practice 620 \(VEP 620\)](#) - Credits: 16.00

[Veterinary research report 600 \(VRE 600\)](#) - Credits: 16.00

The regulations and rules for the degrees published here are subject to change and may be amended after the publication of this information.

The [General Academic Regulations \(G Regulations\)](#) and [General Student Rules](#) apply to all faculties and registered students of the University, as well as all prospective students who have accepted an offer of a place at the University of Pretoria. On registering for a programme, the student bears the responsibility of ensuring that they familiarise themselves with the General Academic Regulations applicable to their registration, as well as the relevant faculty-specific and programme-specific regulations and information as stipulated in the relevant yearbook. Ignorance concerning these regulations will not be accepted as an excuse for any transgression, or basis for an exception to any of the aforementioned regulations.