University of Pretoria Yearbook 2020

BVSc (08130005)

Minimum duration of study	6 years
Total credits	833
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 the General Regulations and Rules.

Admission requirements

- Entry into the BVSc programme is highly competitive due to popularity of the programme and limited available spaces.
- Selection is based on academic merit. The Faculty does not determine specific selection cut-off values as these are determined by the strength of the applications in a particular year.
- **School-leavers**

  A valid NSC/IEB/Cambridge qualification with admission for degree purposes.

  Subject requirements and the required Admission Point Score (APS) as indicated in the table below. The APS is calculated from the achievement levels obtained in six 20-credit NSC subjects.

  Life Orientation is excluded when calculating the APS.

  Conditional admission is based on Grade 11 final examination results, and final admission on the NSC/IEB performance in Mathematics, English and Physical Science, as well as the Veterinary Value Added Form (VSVAF).

  Additional admission criteria may be used including an interview and additional selection tests.

  School-leaving applicants who are conditionally admitted based on their Grade 11 results will forfeit their placement if their NSC APS is more than 2 points lower than the Grade 11 APS used for conditional admission.

- **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.

- **International students**

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

  Applicants who are accepted receive a letter of confirmation from the University, which will facilitate their application for a study permit.

  A valid study permit, obtained in the country of origin, is a prerequisite for registration.

  The National Benchmark Test (NBT) may be required from international applicants. (www.nbt.ac.za)

  International applicants must comply with all UP's and the Department of Home Affairs' regulations related to international students.

Minimum requirements Achievement level English Home Language or English First Additional Language		**Mathematics**		**Physical Science**		**APS**
NSC/IEB	AS Level	NSC/IEB	AS Level	NSC/IEB	AS Level	
5	C	5	C	5	C	**35**

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

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

i. 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.
ii. Students in all undergraduate programmes in the faculty must register for all modules in a particular year of study and may not deregister modules.

iii. 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.
iv. 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.
v. 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 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: 122

Fundamental modules

Academic information management 102 (AIM 102) - Credits: 6.00
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: 144

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 121 (VPL 121) - Credits: 2.00
Veterinary professional life 201 (VPL 201) - Credits: 5.00
Pasture science 213 (WDE 213) - Credits: 12.00

Curriculum: Year 3

Minimum credits: 135

Core modules

General surgery 320 (GNS 320) - 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: 142

Core modules

Anaesthesiology 420 (ANV 420) - Credits: 8.00
Clinical pathology 410 (CLP 410) - Credits: 7.00
Diagnostic imaging 400 (DIM 400) - Credits: 16.00
Diagnostic pathology 401 (DPT 401) - Credits: 12.00
Veterinary epidemiology 420 (EPL 420) - Credits: 10.00
Equine medicine and surgery 410 (EQM 410) - Credits: 14.00
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: 16.00

Curriculum: Year 5

Minimum credits: 181

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 business management 510 (VPL 510) - Credits: 10.00
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: 159

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 information published here is subject to change and may be amended after the publication of this information. The General Regulations (G Regulations) apply to all faculties of the University of Pretoria. It is expected of students to familiarise themselves well with these regulations as well as with the information contained in the General Rules section. Ignorance concerning these regulations and rules will not be accepted as an excuse for any transgression.