



# University of Pretoria Yearbook 2017

## BVSc (08130005)

**Duration of study** 6 years

**Total credits** 948

### Programme information

Each student must apply immediately after first admission 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.

### Admission requirements

- All programmes in this Faculty include selection procedures, which are based on academic merit, the result of the National Benchmark Test (NBT) and a Value-added Questionnaire, among others. Applicants, who indicate BVSc (Bachelor in Veterinary Science) or the Diploma in Veterinary Nursing as their first choice, will be given preference. In order to retain provisional admission candidates should comply with the minimum subject and Admission Point Score (APS) requirements based on their final school-year examination results.
- The following persons will be considered for admission: a candidate who is in possession of a certificate that is deemed by the University to be equivalent to the required Grade 12 certificate with university endorsement; a candidate who is a graduate from another tertiary institution or has been granted the status of a graduate of such an institution; and a candidate who is a graduate of another faculty at the University of Pretoria.
- Life Orientation is excluded when calculating the APS.
- The NBT and the Value-added Questionnaire are compulsory components of the selection process. Applicants with an APS between 30 and 32 will be considered for access into the BSc - Extended programme for the Biological and Agricultural Sciences. Candidates in this category are admitted into the second semester of the first year of BVSc, after successful completion of the first three semesters of the BSc - Extended programme.

Minimum requirements for 2017												
Achievement level												APS
English				Mathematics				Physical Science				
NSC/IEB	HIGCSE	AS-Level	A-Level	NSC/IEB	HIGCSE	AS-Level	A-Level	NSC/IEB	HIGCSE	AS-Level	A-Level	
5	3	C	C	5	3	C	C	5	3	C	C	32



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## Other programme-specific information

For some modules, only a promotional mark will be given; the module will be credited in a later semester.

### **Duration of study**

(i) Six years of full-time study

(ii) Seven years of full-time study for those students who access the BVSc programme through the four-year BSc programme.

## Practical/clinical/internship information

### **Clinical experience (including practical work)**

Proof of satisfactory completion of prescribed clinical and practical components of the programme as prescribed below must be submitted to the Head: Student Administration of the Faculty, prior to the commencement of the final examinations. Failure to do so may lead to examination refusal.

- In state control of stock diseases and administration: experience at an approved institution as approved by the Dean.
- Practical and clinical experience at the Faculty and at approved private practices as well as other institutions as approved by the Dean.

## Pass with distinction

The BVSc degree is conferred with distinction on a student who has obtained at least 60% for each module during the last three years of study, and a cumulative average of at least 75% for all the modules in the final year of BVSc study.



## Curriculum: Year 1

**Minimum credits: 124**

### Fundamental modules

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

Academic orientation 108 (UPO 108) - Credits: 0.00

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

### 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

Animal diversity 161 (ZEN 161) - Credits: 8.00

Mathematics 165 (WTW 165) - Credits: 16.00

Veterinary professional life 100 (VPL 100) - Credits: 2.00



## Curriculum: Year 2

**Minimum credits: 150**

### Core modules

Veterinary ethology and genetics 200 (VET 200) - Credits: 23.00

Animal science 210 (VKU 210) - Credits: 8.00

Animal science 220 (VKU 220) - Credits: 8.00

Animal science 222 (VKU 222) - Credits: 8.00

Veterinary comparative anatomy 200 (VCA 200) - Credits: 38.00

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

Veterinary professional life 200 (VPL 200) - Credits: 7.00

Veterinary immunology 220 (VIM 220) - Credits: 6.00

Veterinary microbiology 210 (VEM 210) - Credits: 6.00

Veterinary professional life 121 (VPL 121) - Credits: 2.00



## Curriculum: Year 3

**Minimum credits: 139**

### Core modules

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

Veterinary toxicology 300 (TOX 300) - Credits: 14.00

Veterinary parasitology 300 (VTP 300) - Credits: 22.00

General surgery 320 (GNS 320) - Credits: 7.00

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

Introductory veterinary diagnostics 300 (IVD 300) - Credits: 24.00

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

Veterinary professional life 300 (VPL 300) - Credits: 10.00



## Curriculum: Year 4

**Minimum credits: 150**

### Core modules

- Anaesthesiology 420 (ANV 420) - Credits: 8.00
- Clinical pathology 410 (CLP 410) - Credits: 7.00
- Diagnostic imaging 400 (DIM 400) - Credits: 17.00
- Diagnostic pathology 400 (DPT 400) - Credits: 16.00
- Equine medicine and surgery 410 (EQM 410) - Credits: 14.00
- Porcine health and production 420 (PHP 420) - Credits: 5.00
- Small animal medicine and surgery 400 (SAS 400) - Credits: 50.00
- Veterinary professional life 400 (VPL 400) - Credits: 11.00
- Veterinary reproduction 400 (VRP 400) - Credits: 17.00
- Poultry health and production 420 (PLY 420) - Credits: 5.00



## Curriculum: Year 5

**Minimum credits: 181**

### Core modules

Bovine health and production 510 (BHP 510) - Credits: 25.00

Veterinary epidemiology 510 (EPL 510) - Credits: 10.00

Small stock health and production 510 (SSH 510) - Credits: 25.00

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

One health 510 (VOH 510) - Credits: 7.00

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

Diagnostic pathology 510 (DPT 510) - Credits: 9.00

Veterinary core practice 601 (VCP 601) - Credits: 53.00

Veterinary elective practice 601 (VEP 601) - Credits: 28.00



## Curriculum: Final year

**Minimum credits: 159**

### Core modules

Veterinary core practice 602 (VCP 602) - Credits: 53.00

Veterinary core practice 603 (VCP 603) - Credits: 54.00

Veterinary elective practice 602 (VEP 602) - Credits: 28.00

Veterinary elective practice 603 (VEP 603) - Credits: 24.00

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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 each student to familiarise himself or herself 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.