University of Pretoria Yearbook 2020

BVetNurs (08130006)

Minimum duration of study	3 years
Total credits	388
NQF level	07

Programme information

This programme is accredited with the South African Veterinary Council (SAVC).
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 Nursing. 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 veterinary nurses before they may practise in South Africa in this capacity.

Also refer to the General Regulations and Rules.

Admission requirements

- Entry into the BVetNurs 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 the six 20-credit NSC subjects.

  Life Orientation is excluded when calculating the APS.

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

  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 BVetNurs programme.
- **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	
4	D	4	D	4	D	**28**

* 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.

Examinations and pass requirements

Refer to UP General Regulations and Rules

i. All modules of this programme are compulsory.
ii. Attendance of all lectures, practical, and clinic duties is compulsory. Any form of absence must be justified by submission of a medical certificate or valid documentation, within 3 working days after returning. Failure to comply may result in examination refusal.
iii. No minimum semester/year mark is required for admission to the examination.
iv. The semester/year marks and examination mark will count 50% each towards the final mark. Only semester/year, examination and final marks are to be rounded. No condonement of marks will be allowed.
v. A student is required to obtain a subminimum 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 relevant head of department, and as set out in the study guide.
vi. A student must pass all the modules of the respective previous year of study in order to be promoted to the subsequent year of study.
vii. A second- or final-year student who fails a module or modules in a year of study, has to repeat all the modules for that particular year of study, except modules which were passed with a final mark of at least 65%, for which full exemption is granted.

During the repeat year, exemption from the examination is granted for a module that was passed in the previous year with a final mark of less than 65% and if at least 80% of the practical periods were attended and a year/semester mark of at least 50% was obtained. This applies to modules where full exemption is not granted (because the final mark in the previous year was less than 65%).

Examinations are compulsory in all the modules previously failed, as well as in those modules in which exemption from the examination has not been obtained. If a student fails any of these examinations (or supplementary examination), he or she will be excluded from the programme and will not be permitted to continue.

viii. The content, format and duration of the supplementary, extraordinary, and/or special examination will be similar to that of the examination, except for oral examinations, where the supplementary, extraordinary, and/or special examination may be in a different format.
ix. Students who have obtained a semester/year mark of 65% or more in a particular module may be promoted according to UP's General Regulations. Departments will be allowed to use discretion in this regard. The rule will be stated in the study guide of the respected module.
x. Examinations are conducted as stipulated in the Faculty Calendar.
xi. A student will be allowed to repeat a particular year of study only once.

Practical/clinical/internship information

Proof of satisfactory completion of all prescribed clinical and practical components of the programme must be submitted to the Head: Student Administration of the Faculty.

Pass with distinction

The BVetNurs is conferred with distinction on a student who meets the following conditions:

- completes the degree in three years, and
- obtains a cumulative weighted average of at least 75% over the second and third years of study (the cumulative weighted average will not be rounded up to a whole number).

Curriculum: Year 1

Minimum credits: 120

Fundamental modules

Academic information management 111 (AIM 111)

Module credits	4.00
Service modules	Faculty of Engineering, Built Environment and Information Technology Faculty of Education Faculty of Economic and Management Sciences Faculty of Humanities Faculty of Law Faculty of Health Sciences Faculty of Natural and Agricultural Sciences Faculty of Theology and Religion
Prerequisites	No prerequisites.
Contact time	2 lectures per week
Language of tuition	Module is presented in English
Department	Information Science
Period of presentation	Semester 1

Module content

Find, evaluate, process, manage and present information resources for academic purposes using appropriate technology.

Academic information management 121 (AIM 121)

Module credits	4.00
Service modules	Faculty of Engineering, Built Environment and Information Technology Faculty of Education Faculty of Economic and Management Sciences Faculty of Humanities Faculty of Law Faculty of Health Sciences Faculty of Natural and Agricultural Sciences Faculty of Theology and Religion Faculty of Veterinary Science
Prerequisites	No prerequisites.
Contact time	2 lectures per week
Language of tuition	Module is presented in English
Department	Informatics
Period of presentation	Semester 2

Module content
Apply effective search strategies in different technological environments. Demonstrate the ethical and fair use of information resources. Integrate 21st-century communications into the management of academic information.

Language and study skills 110 (LST 110)

Module credits	6.00
Service modules	Faculty of Natural and Agricultural Sciences Faculty of Veterinary Science
Prerequisites	No prerequisites.
Contact time	2 lectures per week
Language of tuition	Module is presented in English
Department	Unit for Academic Literacy
Period of presentation	Semester 1

Module content
The module aims to equip students with the ability to cope with the reading and writing demands of scientific disciplines.

Academic orientation 108 (UPO 108)

Module credits	0.00
Prerequisites	No prerequisites.
Language of tuition	Module is presented in English
Department	Veterinary Science Deans Office
Period of presentation	Year

Core modules

Clinical veterinary nursing 121 (CVN 121)

Module credits	8.00
Prerequisites	No prerequisites.
Contact time	30 lectures/practicals/demos over 2 weeks
Language of tuition	Module is presented in English
Department	Companion Animal Clinical Studies
Period of presentation	Semester 2

Module content
Relevant anatomy and physiology, husbandry and handling, hospitalisation, medical nursing, surgical nursing, emergency and critical care, nutrition, common conditions, neonatal care, and anaesthesia of birds; reptiles; small mammals including rabbits, rats and mice, guinea pigs and chinchillas; primates, small carnivores, sugar gliders, hedgehogs and small wildlife. The hand rearing of wild hoof stock.

Clinical veterinary nursing 122 (CVN 122)

Module credits	8.00
Prerequisites	No prerequisites.
Contact time	30 lectures/practicals/demos over 2 weeks
Language of tuition	Module is presented in English
Department	Production Animal Studies
Period of presentation	Semester 2

Module content

Nursing of the patients, of the relevant domestic animals, with diseases of the skin, hooves, teat and udder. Diagnostic procedures related to the skin.

Nursing professional life 100 (LPN 100)

Module credits	18.00
Prerequisites	No prerequisites.
Contact time	30 lectures/practicals/demos over 4 weeks
Language of tuition	Module is presented in English
Department	Production Animal Studies
Period of presentation	Year

Module content

Veterinary terminology and the correct usage thereof. Career paths in the veterinary nursing profession. Collegiality and professional associations, veterinary-related laws and professional ethics. Introduction to wellness management.
An introduction to establishing, implementing, monitoring and evaluating sustainable quality co-operative partnerships with communities and providing consistent veterinary nursing input in order to improve animal health and welfare within a One Health Context. Opportunity to interact with professionals and community partners working in developing communities, important communication skills with people from a wide variety of backgrounds. An introduction to research methodology, including defining a research question, research design, sampling design, methods of data collection, data analysis and interpretation and report writing.
Aspects of animal welfare science and animal protection applied to companion animals (cats, dogs, horses) and production animals (cattle, sheep, pigs), and human-animal interactions.

Primary animal health care 110 (PAH 110)

Module credits	18.00
Prerequisites	No prerequisites.
Contact time	10 practicals per week, 29 lectures per week
Language of tuition	Module is presented in English
Department	Veterinary Tropical Diseases
Period of presentation	Semester 1

Module content

Breeding, feeding, handling and husbandry or care of domestic animals (cats, dogs, horse, cattle, sheep, pigs). Important parasitic and infectious diseases of domestic animals, including relevant immunology, food safety and zoonotic diseases.

Veterinary nursing practice 110 (PVN 110)

Module credits	12.00
Prerequisites	No prerequisites.
Contact time	30 lectures/practicals/demos over 3 weeks
Language of tuition	Module is presented in English
Department	Paraclinical Sciences
Period of presentation	Semester 1

Module content

Essential nursing practices including disinfection and hospital hygiene, hospitalisation, basic nursing practices, observation and clinical examination of patients and occupational safety aspects. Fundamental pharmacology including medicine administration, storage and handling, drug regulations, dispensing, calculations, pharmacotherapeutics, pharmacokinetics and pharmacodynamics. The pharmacology of organ systems.

Veterinary nursing practice 120 (PVN 120)

Module credits	12.00
Prerequisites	No prerequisites.
Contact time	30 lectures/practicals/demos over 3 weeks
Language of tuition	Module is presented in English
Department	Companion Animal Clinical Studies
Period of presentation	Semester 2

Module content

Diagnostic procedures involving veterinary nurses, including diagnostic imaging, clinical pathology and other laboratory test, sample taking and sample management. Introduction to the general principles of animal physical rehabilitation procedures.

Foundational veterinary sciences 110 (SVF 110)

Module credits	15.00
Prerequisites	No prerequisites.
Contact time	30 lectures/practicals/demos over 4 weeks
Language of tuition	Module is presented in English
Department	Anatomy and Physiology
Period of presentation	Semester 1

Module content

Introductory anatomy, histology and physiology of the dog, cat, horse and ruminant. Applied ethology and communication of domestic animals (cats, dogs, horses, cattle, sheep, and pigs).

Foundational veterinary sciences 120 (SVF 120)

Module credits	15.00
Prerequisites	No prerequisites.
Contact time	30 lectures/practicals/demos over 4 weeks
Language of tuition	Module is presented in English
Department	Anatomy and Physiology
Period of presentation	Semester 2

Module content

Anatomy and physiology of the organ systems of the dog, cat, horse and ruminant.

Curriculum: Year 2

Minimum credits: 120

Core modules

Clinical veterinary nursing 211 (CVN 211)

Module credits	18.00
Prerequisites	No prerequisites.
Contact time	30 lectures/practicals/demos over 4 weeks
Language of tuition	Module is presented in English
Department	Companion Animal Clinical Studies
Period of presentation	Semester 1

Module content

Nursing and physical rehabilitation of musculo-skeletal patients of the relevant domestic animals. Diagnostic imaging of the skeleton. Principles of theatre practice.

Clinical veterinary nursing 212 (CVN 212)

Module credits	12.00
Prerequisites	No prerequisites.
Contact time	30 lectures/practicals/demos over 2 weeks
Language of tuition	Module is presented in English
Department	Production Animal Studies
Period of presentation	Semester 1

Module content

Nursing of patients, of the relevant domestic animals, with dental and gastrointestinal diseases. Diagnostic Imaging of the abdomen. Other diagnostic procedures related to the gastro-intestinal tract.

Clinical veterinary nursing 213 (CVN 213)

Module credits	12.00
Prerequisites	No prerequisites.
Contact time	30 lectures/practicals/demos over 2 weeks
Language of tuition	Module is presented in English
Department	Production Animal Studies
Period of presentation	Semester 1

Module content

Nursing of patients, of the relevant domestic animals, with reproductive conditions. Care and nursing of neonates. Assisted reproduction technologies.

Clinical veterinary nursing 214 (CVN 214)

Module credits	12.00
Prerequisites	No prerequisites.
Contact time	30 lectures/practicals/demos over 2 weeks
Language of tuition	Module is presented in English
Department	Companion Animal Clinical Studies
Period of presentation	Semester 1

Module content

Nursing of the patient with endocrine disease, of the relevant domestic animals. Nursing of urinary and renal patients. Diagnostic procedures related to the endocrine system, bladder and kidneys.

Clinical veterinary nursing 221 (CVN 221)

Module credits	12.00
Prerequisites	No prerequisites.
Contact time	30 lectures/practicals/demos over 2 weeks
Language of tuition	Module is presented in English
Department	Companion Animal Clinical Studies
Period of presentation	Semester 2

Module content

Nursing of ophthalmological and neurological patients, of the relevant domestic animals. Diagnostic imaging of the skull and spine. Diagnostic procedures related to the eye and nervous system.

Clinical veterinary nursing 222 (CVN 222)

Module credits	18.00
Prerequisites	No prerequisites.
Contact time	30 lectures/practicals/demos over 4 weeks
Language of tuition	Module is presented in English
Department	Companion Animal Clinical Studies
Period of presentation	Semester 2

Module content

Nursing of cardiac and respiratory patients, of the relevant domestic animals. Anaesthesiology of the veterinary patient. Diagnostic imaging of the thorax. Other diagnostic procedures related to the cardio-vascular and respiratory system. Physical animal rehabilitation related to the circulatory and respiratory systems.

Clinical veterinary nursing 223 (CVN 223)

Module credits	18.00
Prerequisites	No prerequisites.

Contact time	30 lectures/practicals/demos over 4 weeks
Language of tuition	Module is presented in English
Department	Companion Animal Clinical Studies
Period of presentation	Semester 2

Module content

Critical care of patients, of the relevant domestic animals. Nursing of the oncology patient. Nursing of a patient with multi-systemic disease. Triage and emergencies.

Nursing professional life 210 (LPN 210)

Module credits	12.00
Prerequisites	No prerequisites.
Contact time	30 lectures/practicals/demos over 2 weeks
Language of tuition	Module is presented in English
Department	Veterinary Tropical Diseases
Period of presentation	Semester 1

Module content

Communication for veterinary nurses. Self-awareness, self-management, social awareness, professionalism and relationship management. Cultural diversity. Information management. Practice management for veterinary nurses, including relevant marketing, promotion and sales, human resources management work place discipline, rewards for good work performance and application of the Labour Law in the work place, strategic client service and management, compassion fatigue and its components. Continuation of a portfolio as evidence of learning.

Veterinary nursing practice 200 (PVN 200)

Module credits	6.00
Prerequisites	No prerequisites.
Language of tuition	Module is presented in English
Department	Companion Animal Clinical Studies
Period of presentation	Year

Module content

Experiential learning: a practical application of the theoretical aspects of veterinary nursing practice. Experiential learning and experience will be gained by means of the Onderstepoort Skills Laboratory and limited exposure to clinic rotations in the Onderstepoort Veterinary Academic Hospital.

Curriculum: Final year

Minimum credits: 148

Core modules

Nursing professional life 300 (LPN 300)

Module credits	8.00
Prerequisites	No prerequisites.
Contact time	2 weeks of guided self-study
Language of tuition	Module is presented in English
Department	Companion Animal Clinical Studies
Period of presentation	Year

Module content

A portfolio as evidence of learning is required to show that throughout the three-year degree programme, graduates developed the skills and competencies required to enable the veterinary nurse to be a consummate professional, capable of dealing with the diverse challenges of veterinary nursing professional and everyday life.

Veterinary nursing practice 300 (PVN 300)

Module credits	140.00
Prerequisites	No prerequisites.
Contact time	35 weeks experiential learning
Language of tuition	Module is presented in English
Department	Companion Animal Clinical Studies
Period of presentation	Year

Module content

Experiential learning: a practical application of the theoretical aspects of veterinary nursing practice covered in the curriculum of the BVetNurs programme. Topics include medical nursing, surgical nursing, intensive care nursing, reproduction, animal physical rehabilitation, diagnostic imaging, ophthalmology, dentistry, theatre practice, anaesthesiology and veterinary nursing professional life skills. Domestic animals exposed to include cats, dogs, cattle, small stock, horses and exotic animals/wildlife. The emphasis of practical exposure will be on attaining of the Day One Competencies for graduating veterinary nursing professionals.

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.