

University of Pretoria Yearbook 2022

BVetNurs (08130006)

Department Veterinary Science Dean's Office

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 General Academic 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 Nursing Value-added Form (VNVAf), 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 BVetNurs programme.

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

4

Mathematics

NSC/IEB

4

Physical Sciences

NSC/IEB

4

APS

28

For advice on a second-choice programme for BVetNurs, please consult a Student Advisor on +27 (0)12 420 5144.

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 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
NQF Level	05
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
NQF Level	05
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

NQF Level 05

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

NQF Level 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

NQF Level 05

Prerequisites No prerequisites.

Contact time 1 day excursion, 21 lectures per week for 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
NQF Level	05
Prerequisites	No prerequisites.
Contact time	1.5 discussion classes per week for 2 weeks, 25.5 lectures per week for 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	15.00
NQF Level	05
Prerequisites	No prerequisites.
Contact time	12 lectures per week for 3.5 weeks, 6 discussion classes per week for 1 week, 6 practicals per week for 1 week, 9 online lectures for 5 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
NQF Level	05
Prerequisites	No prerequisites.
Contact time	24 lectures per week for 5 weeks, 4 practicals per week for 5 weeks
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
NQF Level	05
Prerequisites	No prerequisites.
Contact time	20 lectures per week for 3 weeks, 4 practicals per week for 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	15.00
NQF Level	05
Prerequisites	No prerequisites.
Contact time	1 discussion class per week, 17 lectures per week for 3.5 weeks, 2,5 practicals per week for 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
NQF Level	05
Prerequisites	No prerequisites.
Contact time	1 discussion class per week for 3 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
NQF Level	05
Prerequisites	No prerequisites.
Contact time	25.5 lectures per week for 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
NQF Level	06
Prerequisites	No prerequisites.
Contact time	20 lectures per week for 4 weeks, 3 practicals per week 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
NQF Level	06
Prerequisites	No prerequisites.
Contact time	24 lectures per week for 2 weeks, 3 practicals per week 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
NQF Level	06
Prerequisites	No prerequisites.
Contact time	21 lectures per week for 2 weeks, 3 online lectures for 2 weeks, 6 practicals per week for 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

NQF Level 06

Prerequisites No prerequisites.

Contact time 1 discussion class per week over 2 weeks, 1.5 practicals per week for 2 weeks, 16 lectures per week for 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

NQF Level 06

Prerequisites No prerequisites.

Contact time 1.5 online lecture for 1 week, 22 lectures per week for 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

NQF Level 06

Prerequisites No prerequisites.

Contact time 1.5 online lecture for 4 weeks, 19 lectures per week for 4 weeks, 2 practicals per week for 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

NQF Level 06

Prerequisites No prerequisites.

Contact time 1.25 online lecture, 4 weeks, 1.25 practicals per week for 4 weeks, 20 lectures per week for 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

NQF Level 06

Prerequisites No prerequisites.

Contact time 1.5 other contact session per week, 23 lectures per week for 2 weeks, 3 discussion classes per week 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, gender based violence 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
NQF Level	06
Prerequisites	No prerequisites.
Contact time	7.5 clinical practicals per week for 12 weeks, Yes
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
NQF Level	07
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
NQF Level	07
Prerequisites	No prerequisites.
Contact time	60 clinical practicals per week for 35 weeks, Yes
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 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.