University of Pretoria Yearbook 2016

MVeterinary Medicine Cattle Herd Health (08250231)

Duration of study 2 years

Programme information

This programme is offered by the Department of Production Animal Studies.

Attendance requirements

i. Unless stipulated otherwise, the Dean must be satisfied that the candidates will have sufficient access to appropriate facilities and, where necessary, supervision by an appropriate person to complete the work required for the degree at a satisfactory level.
ii. Attendance requirements are determined in each individual case by the head of department concerned.
iii. Candidates will be required to keep a logbook or similar record of experiential training which is to be signed by the supervisor every 6 months. The logbook or other suitable record is to be made available for auditing when the specialist module is monitored by the South African Veterinary Council.

The master's degree in Veterinary Medicine is a professional degree and equips the student with a broad scientific background in the theoretical and practical aspects of the chosen field of study.

The MMedVet degree may entitle the holder to registration as a specialist with the South African Veterinary Council together with other requirements as determined by Council. Candidates are encouraged to review current Council guidelines on specialist registration.

Students are required to confirm whether a module will be presented in any particular year. This enquiry should be directed to the relevant head of department.

Also consult the UP General Regulations

Admission requirements

Subject to the stipulations of the applicable General Regulations, a candidate must be in possession of the BVSc or an equivalent degree. In certain cases, the head of department under which a specific field of study for the MMedVet falls, may require that a candidate first obtains a BVScHons degree with modules applicable to the particular MMedVet degree programme. Please note the prerequisites listed under certain programmes.
A minimum of 60% in each module may be required before a student may commence studies for the MMedVet degree.

Additional requirements

Candidates are required to be qualified veterinarians registered with the South African Veterinary Council or authorized by the South African Veterinary Council and to work in the field of specialization under supervision of an approved supervisor for the required duration at a facility approved for this purpose.

The number of students that can be admitted to the MMedVet degree programme annually depends on the training capacity of a department, the number of specialists appointed and the number of available posts.

Other programme-specific information

Any appropriate elective module(s) of at least 10 credits as approved by the HOD.

Examinations and pass requirements

Also consult the applicable General Regulations.

i. The examination(s) in the specialist field of study may only be taken from the end of the second year of study onwards.
ii. The nature and duration of the specialist module's examination(s), which will test fully the theoretical knowledge as well as the practical skills of the student, is determined by the head of department in which the chosen field of study is offered.
iii. A minimum examination mark of 50% is required in each of the theoretical and practical and oral sections of the specialist module.
iv. Students who intend applying for membership of a specialist college abroad later on, should bear in mind that many of these colleges require a final mark of at least 60% for admission.

Research information

Mini-dissertation

Also consult the General Regulations.

i. A student must submit a mini-dissertation, which deals with the particular field of specialization.
ii. A mini-dissertation is based on a research project or related research projects (which need not be original), planned and written down by the student within the theme of the chosen specialization. (Assistance with statistical processing, applied specialised procedures, etc. is allowed, but must be acknowledged.) The student may use appropriate research done previously, to add to the writing of the mini-dissertation.

    Earlier, related publications by the student may be bound with the mini-dissertation, but may not substitute the complete text of the mini-dissertation. Publications that are submitted, must be rounded off by means of an extensive introduction, materials, and information concerning methods and a discussion of the results. The mini-dissertation will be evaluated by an external examiner, who may not necessarily attend the final examination.

iii. The average of the separate marks awarded by all the examiners, constitutes the final mark for the mini-dissertation. The minimum pass mark is 50%. A student who has failed may be permitted by the Dean, on the recommendation of the head of department concerned, to submit an amended mini-dissertation for final adjudication.

Pass with distinction

In order to obtain the degree with distinction, a minimum final mark of 75% is required for the field of specialization and the mini-dissertation.

Curriculum: Year 1

Minimum credits: 539

Core modules

Mini-dissertation: Cattle herd health 890 (BKG 890) - Credits: 90.00
Basic veterinary epidemiology 851 (EPL 851) - Credits: 10.00
Biostatistics in veterinary science 852 (EPL 852) - Credits: 20.00
Bovine health and production 800 (BHP 800) - Credits: 400.00
Research methodology 812 (VRM 812) - Credits: 9.00

Elective modules

Pathology: Wildlife 806 (PAT 806) - Credits: 28.00
Necropsy technique and interpretation 807 (PAT 807) - Credits: 28.00
Ophthalmological pathology 808 (PAT 808) - Credits: 20.00
Selected infectious diseases: Pigs 815 (SID 815) - Credits: 15.00
Veterinary industrial pharmacology 800 (VIP 800) - Credits: 50.00
Veterinary public health: Meat hygiene 881 (VPH 881) - Credits: 40.00
Veterinary public health: Poultry food hygiene 882 (VPH 882) - Credits: 40.00
Veterinary public health: Veterinary milk hygiene 883 (VPH 883) - Credits: 40.00
Veterinary public health: Environmental health and biosecurity 884 (VPH 884) - Credits: 40.00
Advanced fundamentals of pharmacology 876 (FAK 876) - Credits: 30.00
Clinical pharmacology 877 (FAK 877) - Credits: 30.00
Basic veterinary epidemiology 851 (EPL 851) - Credits: 10.00
Biostatistics in veterinary science 852 (EPL 852) - Credits: 20.00
Analytical veterinary epidemiology 853 (EPL 853) - Credits: 20.00
Animal health information management 855 (EPL 855) - Credits: 5.00
Scientific reasoning in veterinary epidemiology 856 (EPL 856) - Credits: 5.00
Reproductive physiology 801 (GSK 801) - Credits: 20.00
Assisted reproduction 802 (GSK 802) - Credits: 30.00
Female infertility 803 (GSK 803) - Credits: 20.00
Male breeding soundness and andrology 804 (GSK 804) - Credits: 20.00
Reproduction: Capita selecta 805 (GSK 805) - Credits: 20.00
Small stock health 801 (SSH 801) - Credits: 40.00
Ruminant health 801 (RUM 801) - Credits: 40.00
Bovine herd health 801 (BHH 801) - Credits: 40.00
Poultry health and production 871 (PHP 871) - Credits: 32.00
Veterinary toxicology: Organ/systems toxicology 801 (TOK 801) - Credits: 30.00
Mechanisms of disease 871 (PAT 871) - Credits: 20.00
Histology 800 (HIS 800) - Credits: 20.00

Curriculum: Final year

Minimum credits: 539

Core modules

Mini-dissertation: Cattle herd health 890 (BKG 890) - Credits: 90.00
Basic veterinary epidemiology 851 (EPL 851) - Credits: 10.00
Biostatistics in veterinary science 852 (EPL 852) - Credits: 20.00
Bovine health and production 800 (BHP 800) - Credits: 400.00
Research methodology 812 (VRM 812) - Credits: 9.00

Elective modules

Pathology: Wildlife 806 (PAT 806) - Credits: 28.00
Necropsy technique and interpretation 807 (PAT 807) - Credits: 28.00
Ophthalmological pathology 808 (PAT 808) - Credits: 20.00
Selected infectious diseases: Pigs 815 (SID 815) - Credits: 15.00
Veterinary industrial pharmacology 800 (VIP 800) - Credits: 50.00
Veterinary public health: Meat hygiene 881 (VPH 881) - Credits: 40.00
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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 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.