University of Pretoria Yearbook 2018

MMedVet Anaesthesiology (Coursework) (08250132)

Minimum duration of study	3 years
Total credits	360

Programme information

This programme is offered by the Department of Companion Animal Clinical Studies.

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 UP General Regulations, a candidate must be in possession of the BVSc or an equivalent degree; and have two (2) years of applicable experience or one year of training as an intern at a recognized training facility. In certain cases, the head of department under which a specific field of study lies, may require a candidate to pass an entrance examination.

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.

All international applicants whose first language is not English, may be required to pass a proficiency test in English (TOEFL). Application and more information: www.ets.org/toefl/

Postgraduate applicants who have completed any foreign qualifications must have all their previous post-school qualifications evaluated by the South African Qualifications Authority (SAQA) before applying for postgraduate studies at the University of Pretoria: www.saqa.org.za

International requirements

Candidates are required to write the South African Veterinary Council exam and be registered with the South

African Veterinary Council or apply for special permission from the council before applying for a MMedVet degree. For application email: exams@savc.org

International students have to ensure they are aware of all aspects pertaining to them to study at the University of Pretoria which can be found at www.up.ac.za/isd .

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.

Examinations and pass requirements

Also consult the applicable General Regulations.

Conferment of the degree
The MMedVet is conferred by virtue of completion of a minimum of 90 weeks of clinical training, examination in specialist module, and a mini-dissertation

Examinations
The examination(s) in the specialist field of study may only be taken on completion of the minimum clinical training.
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.
A minimum examination mark of 50% is required in each of the theoretical and practical and oral sections of the specialist module.
Students who intend applying for membership of a specialist college abroad later on, should bear in mind that many of these colleges require a minimum examination mark and a final mark of at least 60% for admission.

Research information

Mini-dissertation
(Also consult the General Regulations)
A student must submit a mini-dissertation, which deals with the particular field of specialization.
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. 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: 1

Fundamental modules

Research methodology 813 (VRM 813)

Module credits	0.00
Language of tuition	Module is presented in English
Department	Veterinary Tropical Diseases
Period of presentation	Semester 1 and Semester 2

Module content

A web-based introductory module in research methodology that includes planning and undertaking a research project or clinical trial, collecting and analysing data, scientific writing, and enabling preparation and presenting of a research protocol.

Curriculum: Year 2

Minimum credits: 270

Core modules

Anaesthesiology 800 (ANV 800)

Module credits	270.00
Prerequisites	No prerequisites.
Language of tuition	Module is presented in English
Department	Companion Animal Clinical Studies
Period of presentation	Year

Module content

Advanced theoretical and practical and experiential training in the administration of local and general anaesthetics on a species-orientated basis. The module covers the structure and functioning of inhalation anaesthesia and monitor apparatus, the latest use of total intravenous anaesthetic techniques, positive pressure ventilation, peripheral muscle relaxants and the techniques and equipment employed for the immobilisation of game.
Theoretical training includes the attendance of postgraduate seminars in Anaesthesiology at the School of Medicine.

Curriculum: Final year

Minimum credits: 90

Core modules

Mini-dissertation: Anaesthesiology 890 (ANV 890)

Module credits	90.00
Prerequisites	VRM 813
Language of tuition	Module is presented in English
Department	Companion Animal Clinical Studies
Period of presentation	Year

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.