University of Pretoria Yearbook 2016

MVeterinary Medicine Anaesthesiology (Coursework) (08250131)

Duration of study 2 years

Programme information

This programme is offered by the Department of Companion Animal Clinical 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

Specific prerequisites for the programme:

BVScHons with the following modules:

ANG 774 Anatomy

FSL 787 Physiology

FSL 788 Physiology

ANV 771 Anaesthesiology

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: 499

Core modules

Anaesthesiology 800 (ANV 800)

Module credits	400.00
Prerequisites	BVScHons with ANG 774, FSL 787, FSL 788 and ANV 771
Contact time	5 discussion classes per week, 0.5 seminar per week
Language of tuition	English
Academic organisation	Companion Animal Clin 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.

Mini-dissertation: Anaesthesiology 890 (ANV 890)

Module credits	90.00
Prerequisites	ANG 774, FSL 787, FSL 788 and ANV 771
Language of tuition	English
Academic organisation	Companion Animal Clin Studies
Period of presentation	Year

Research methodology 812 (VRM 812)

Module credits	9.00
Language of tuition	English
Academic organisation	Vet Sc Dean's Office
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: Final year

Minimum credits: 499

Core modules

Anaesthesiology 800 (ANV 800)

Module credits	400.00
Prerequisites	BVScHons with ANG 774, FSL 787, FSL 788 and ANV 771
Contact time	5 discussion classes per week, 0.5 seminar per week
Language of tuition	English
Academic organisation	Companion Animal Clin 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.
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Mini-dissertation: Anaesthesiology 890 (ANV 890)

Module credits	90.00
Prerequisites	ANG 774, FSL 787, FSL 788 and ANV 771
Language of tuition	English
Academic organisation	Companion Animal Clin Studies
Period of presentation	Year

Research methodology 812 (VRM 812)

Module credits	9.00
Language of tuition	English
Academic organisation	Vet Sc Dean's Office
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.

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.