University of Pretoria Yearbook 2021

MSc Tropical Animal Health (Coursework) (08251020)

Department	Veterinary Tropical Diseases
Minimum duration of study	2 years
Total credits	180
NQF level	09

Programme information

This programme is offered by the department of Veterinary Tropical Diseases.

This degree is offered as a combination of e-learning, face-to-face teaching and a compulsory collaborative induction/field-workshop. It has the following components:

- A two week compulsory induction/field-workshop
- Compulsory core modules
- Elective modules (Theory-based and Skills-based)
- Mini-dissertation
  For the MSc Tropical Animal Health the mini-dissertation will include an oral examination conducted face to face or via video conference. The oral examining panel will include an examiner from each institute (not the supervisor). A mark will be given which will constitute 10% of the final mini-dissertation mark. The dissertation will also be examined by one internal and one external examiner as stipulated by the UP regulations; a mark will be given which will constitute 90% of the final mini-dissertation mark.

Also consult General Regulations.
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 according to the syllabi information provided in the list of modules in this publication.

Admission requirements

1. BVSc (or equivalent) degree **or** relevant four-year BScAgric degree **or** relevant BSc honours degree **or** relevant postgraduate diploma (on NQF level 8)
2. An admissions examination may be required
3. The candidate may be required to submit proof of two years' professional experience in their selected field of study

Additional requirements

According to the Bologna Bachelor-Master structure, a Masters degree is required to register at ITM. (Note: A four-year BSc degree in the South African context is equivalent to a Masters degree in the Bologna system). Two years of professional experience might be required in certain cases. It remains the prerogative of the head of department (UP) or course director (ITM) to require, in addition to the entrance requirements already mentioned, the successful completion of an admissions test before registration. A student may also be required to pass a proficiency test in English (TOEFL) at an acceptable level. The web-based/online nature of the modules requires basic computer skills in order to successfully participate in the degree programme.

Also consult the General Regulations. Students are required to confirm whether a module will be presented in any particular year.

Examinations and pass requirements

A minimum examination mark of 50% is required in each of the modules where a semester or year mark is not required. However, where a semester or year mark is required, the latter will contribute 50% to the final mark. A subminimum of 40% is required in the examination and a final mark of at least 50 % to pass the module. Instructions regarding requirements for semester, year or examination marks are published in the study guides, for the specific attention of candidates.

The MSc coursework degree is conferred by virtue of the successful completion of examinations on the coursework modules and a mini-dissertation.

If a student fails a module, he/she will have to repeat the module the following year. A module cannot be repeated more than twice.

Research information

Also consult the General Regulations.

Candidates must submit a mini-dissertation which deals with an applied field of study. The topic is determined in consultation with the supervisor and the relevant head of department, and must be approved according to Faculty guidelines. The mini-dissertation is based on an applied research project or related research projects (which need not be original), planned and reported by the candidate. (Assistance with statistical processing, applied specialised procedures, etc. is allowed, but must be acknowledged.)

An internal as well as external examiner will evaluate the mini-dissertation. The supervisor may not be an examiner.

The average mark of the separate marks awarded by all examiners constitutes the final mark for the mini-dissertation. The minimum pass mark is 50%. The Dean, on the recommendation of the relevant head of the department, may permit a candidate who has failed, to submit an amended mini-dissertation for final adjudication.

Pass with distinction

The degree is conferred with distinction on a student who has obtained at least 75% for the mini-dissertation and a weighted average of at least 75% in the other modules needed to comply with degree requirements, provided that a minimum pass mark of 60% in all the other modules have been obtained.

Curriculum: Year 1

Minimum credits: 90

Elective modules: Choose modules to the value of 48 credits from the list of elective modules below ensuring that the following is adhered to:

- Choose two modules to the value of 18 credits from the following skills-based modules: ASR 811, AVB 817, AVH 811, AVV 811, EPL 804, TCK 811 and VMB 816.
- Choose three modules from the following list of theory-based modules: AHE 812, AHE 813, AHE 814, AHE 815, AHE 816, EPL 803, GVD 811 and TBD 814.

Fundamental modules

Research methodology 812 (VRM 812) - Credits: 9.00

Core modules

Laboratory diagnostics 811 (AHE 811) - Credits: 9.00
Basic epidemiology 802 (EPL 802) - Credits: 12.00
One health: basic concepts 801 (OHB 801) - Credits: 12.00

Elective modules

Advanced One Health 812 (AHE 812) - Credits: 12.00
Advanced one health: public health 813 (AHE 813) - Credits: 12.00
Animal health management: high impact and emerging diseases 814 (AHE 814) - Credits: 12.00
Advanced One Health: policy 815 (AHE 815) - Credits: 12.00
Surveillance and survey methodology 816 (AHE 816) - Credits: 12.00
Applied serology 811 (ASR 811) - Credits: 9.00
Applied veterinary bacteriology 817 (AVB 817) - Credits: 9.00
Applied veterinary helminthology 811 (AVH 811) - Credits: 9.00
Applied veterinary virology 811 (AVV 811) - Credits: 9.00
Advanced epidemiology 803 (EPL 803) - Credits: 12.00
Applied epidemiology 804 (EPL 804) - Credits: 12.00
General vector-borne diseases 811 (GVD 811) - Credits: 9.00
Ticks and tick-borne diseases 814 (TBD 814) - Credits: 9.00
Selected tick identification 811 (TCK 811) - Credits: 9.00
Applied molecular biology 816 (VMB 816) - Credits: 9.00

Curriculum: Final year

Minimum credits: 90

Core modules

Mini-dissertation 895 (AHE 895) - Credits: 90.00

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.