

## Master Dissertation II Main Subject Research (G000801)

Due to Covid 19, the education and evaluation methods may vary from the information displayed in the schedules and course details. Any changes will be communicated on Ufora.

<b>Course size</b>	<i>(nominal values; actual values may depend on programme)</i>			
<b>Credits</b> 22.0	<b>Study time</b> 660 h	<b>Contact hrs</b>	130.0 h	
<b>Course offerings and teaching methods in academic year 2020-2021</b>				
A (year)	(language of instruction unknown)	Gent	master's dissertation	10.0 h
<b>Lecturers in academic year 2020-2021</b>				
Cornillie, Pieter		D103	lecturer-in-charge	
<b>Offered in the following programmes in 2020-2021</b>			<b>crdts</b>	<b>offering</b>
Master of Veterinary Medicine in Veterinary Medicine (main subject Research)			22	A

### Teaching languages

### Keywords

Master's thesis, critical reflection, analytical capacity, autonomous functioning, scientific report, dissertation

### Position of the course

The master's thesis is the major keystone of the entire master programme. In the dissertation, a student proves his/her analytical and synthesizing abilities, and display problem-resolving capabilities on the academic level. The final product mirrors the general critical-reflective and investigative attitude of the student.

### Contents

In this second part of the master's thesis, the student finishes his/her dissertation (of which the preparatory activities already started in part I). The dissertation is a written thesis in which the student demonstrates that he/she is capable of scientific research with a sufficient critical-reflective attitude. This research starts with a thorough investigation of the available literature and is followed by an own extensive research project under supervision of a promotor (in the lab, field or business study,...). In this project, the student should demonstrate his/her problem-resolving abilities on an academic level and clearly express his/her investigative attitude. The master's dissertation, after submission of the written part, is also defended orally in front of a jury.

### Initial competences

Subscription to this course is only possible when fully compliant with the conditions on the 'individual course trajectory' as mentioned in the education and examination code and the relevant faculty regulations. Especially the simultaneous enrollment for part I and II of this master's thesis is only possible after positive advice by the faculty's curriculum commission. External students (not enrolled in the Master's programme in Veterinary Medicine): entering this course is only possible after approval by the curriculum commission.

### Final competences

- 1 Autonomously consult scientific literature sources in the framework of the research question.
- 2 Critically evaluate and synthesize scientific resources.
- 3 Evaluate the value (reliability) of scientific research methods and approaches in function of the research question
- 4 Design a research plan, diligently execute the plan with critical follow-up and remediate whereas necessary
- 5 Autonomously conduct research in a scientifically sound and justifiable way

- 6 Be able to function in team in the lab or research environment and communicate in a sincere way with all partners and stakeholders
- 7 Analyze and correctly interpret research results, and evaluate them in the framework of the original research question
- 8 Scientifically justify the choices made regarding the research methodology and approach
- 9 Critically evaluate and scientifically discuss obtained results
- 10 Employ oral and written communication techniques using a correct linguistic register to report and defend obtained results and insights to experts
- 11 In a sincere and respectful way deal with delicate, confidential or private data, with respect to non-disclosure agreements and protection of privacy.
- 12 Recognize and understand the restrictions and limitation of science

#### **Conditions for credit contract**

Access to this course unit via a credit contract is determined after successful competences assessment

#### **Conditions for exam contract**

This course unit cannot be taken via an exam contract

#### **Teaching methods**

Master's dissertation

#### **Extra information on the teaching methods**

The master's thesis is supervised by at least 2 promoters and is conducted in the lab of the guiding promoter

#### **Learning materials and price**

Guidelines for the master's dissertation can be found on the faculty's website and are also offered through the digital learning environment Minerva

#### **References**

#### **Course content-related study coaching**

The master's thesis is supervised by at least 2 promoters and is conducted in the lab of the guiding promoter

#### **Evaluation methods**

end-of-term evaluation and continuous assessment

#### **Examination methods in case of periodic evaluation during the first examination period**

Oral examination, assignment

#### **Examination methods in case of periodic evaluation during the second examination period**

Oral examination, assignment

#### **Examination methods in case of permanent evaluation**

Job performance assessment

#### **Possibilities of retake in case of permanent evaluation**

examination during the second examination period is possible in modified form

#### **Extra information on the examination methods**

In the framework of permanent evaluation, the promoters evaluate the commitment and attitude of the student.

The written dissertation is evaluated by the promoters (joint evaluation) and one member of the jury.

The entire jury (three members) evaluates the oral presentation and defence of the dissertation by the student at the end of the exam period.

#### **Calculation of the examination mark**

The evaluation of the student's attitude & commitment throughout (permanent evaluation), the evaluation of the written part of the dissertation and the oral defence each count for 1/3 of the total score given. The total score is calculated by using the geometric mean of these three marks.