

Master Dissertation II Main Subject Research (G000801)

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

| | | | | |
|---|---|-------------|-----------------------|----------|
| Course size | (nominal values; actual values may depend on programme) | | | |
| Credits 22.0 | Study time 660 h | Contact hrs | 130.0h | |
| Course offerings and teaching methods in academic year 2020-2021 | | | | |
| A (Year) | (language of instruction unknown) | Gent | master's dissertation | 10.0h |
| Lecturers in academic year 2020-2021 | | | | |
| Cornillie, Pieter | | DIO3 | lecturer-in-charge | |
| Offered in the following programmes in 2020-2021 | | | crdts | offering |
| Master of Veterinary Medicine in Veterinary Medicine(main subject Research) | | | 22 | A |

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 and private data, with respect to non-disclosure agreements and protection of privacy.
- 12 Recognize and understand the restrictions and limitation of science
- 13

Conditions for credit contract

This course unit cannot be taken via a credit contract

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

Assessment moments

end-of-term and continuous assessment

Examination methods in case of periodic assessment during the first examination period

Oral examination, Assignment

Examination methods in case of periodic assessment during the second examination period

Oral examination, Assignment

Examination methods in case of permanent assessment

Job performance assessment

Possibilities of retake in case of permanent assessment

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 1/3th of the total score given. The total score is calculated by using the geometric mean of these three marks.