Master's Dissertation (C002887)

Course size *(nominal values; actual values may depend on programme)*

Credits 15.0   **Study time 450 h**

Course offerings and teaching methods in academic year 2025-2026

A (Year)	English	Gent	master's dissertation

Lecturers in academic year 2025-2026

Offered in the following programmes in 2025-2026	crdts	offering
Master of Science in Statistical Data Analysis	15	A

Teaching languages

English

Keywords

Position of the course

The master education ends with a Master's Dissertation. In this dissertation, the student shows that he/she is capable to apply the knowledge and skills he learned during his training in a concrete research project, to write a scientific thesis about it and to orally discuss it with peers.

Contents

The Master's Dissertation consists of a workpiece containing the written evidence of an independent study and investigation of a subject, an oral presentation and a discussion with peers (promoter, commissioners and audience). Attending two seminars is also a requirement.

Initial competences

Final competences

1 Can work independently and as a part of a team with a sense of precision.
2 Show responsibility regarding data, ethics, scientific integrity and society. Can critically reflect on the possibilities and limitations of artificial intelligence and digital tools within research, and uses them where relevant in a transparent and responsible manner.
3 Can consult information sources, extract relevant information, critically analyse it, and integrate it appropriately into the research process.
4 Can report accurately and critically about the study objectives, methods, processes and final conclusions, both in oral and in written form, and can defend and discuss them within a scientific context.
5 The student can formulate a scientific research problem and translate it into an appropriate research design.
6 The student can critically evaluate research results, draw conclusions, and propose improvements or follow-up research.
7 The student can accurately collect, manage, analyse, and synthesise data using appropriate methods and techniques.
8 Show openness towards new scientific developments.
9 The student demonstrates problem-solving ability and flexibility to adjust the research and integrate new insights.

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

Study material

None

References

Course content-related study coaching

Assessment moments

end-of-term assessment

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

Oral assessment, Participation, Assignment

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

Oral assessment, Participation, Assignment

Examination methods in case of permanent assessment

Possibilities of retake in case of permanent assessment

not applicable

Extra information on the examination methods

- The appraisal of the master dissertation happens on the basis of the written report and a final public defense. The student is only admitted to the final public defense when she/he has completed the pre-defense and attended two seminars.
- All students are expected to consult and apply the [faculty code of conduct for the use of GenAI during the master's dissertation](). The study programme, supervisor or promotor will communicate any deviations or additions to these faculty guidelines directly to students through the usual UGent-channels.

Calculation of the examination mark

- Written report (scientific quality, structure and layout, use of language and writing): 52%
- Oral defence (presentation, answers to the questions): 28%
- Conduct (process, creativity & research spirit): 20%

To pass the master's thesis course unit, students must obtain a passing grade for each component of the thesis (Written report, Oral defence, Conduct). Failure to pass one or more of these components will result in a failing final grade for the course unit, which will be recorded as a non-deliberable mark.