

Master's Dissertation (C002308)

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

Credits 30.0

Study time 825 h

Course offerings and teaching methods in academic year 2024-2025

A (Year)

Dutch

Gent

master's dissertation

Lecturers in academic year 2024-2025

N., N.

lecturer-in-charge

Offered in the following programmes in 2024-2025

[Master of Science in Mathematics](#)

crdts

offering

30

A

Teaching languages

Dutch

Keywords

Research, report

Position of the course

The master education ends with a Master's Dissertation. In this dissertation, the students show that they are capable to apply the knowledge and skills he learned during his training in a concrete research project and to write a scientific thesis about it.

Contents

The Master's Dissertation consists of a workpiece (research project) to be performed independently by the student. The research project involves a theoretical study of a topic and/or the processing, analysis and interpretation of data, possibly accompanied by programming work or calculations with computer algebra software (such as SageMath).

After submission of the master's thesis, there is a presentation with oral defense. The research project does take place within the own faculty departments, another faculty of the UGent or another research institution (possibly abroad). For a stay abroad, a student may obtain a scholarship as part of the EU Erasmus program only if the duration of the stay is at least 2 months. For students going abroad the faculty member sending out the student is the responsible supervisor. For more information about the choice of the subjects and about the formal contents, we refer to <http://www.wiskunde.ugent.be/praktische-organisatie/bachelorproject-masterproef.php>

Initial competences

The final competences of the Bachelor education in mathematics.

Final competences

- 1 To be able to study a subject, place it in context, make a synthesis.
- 2 To be able to complete, find and compare arguments.
- 3 To be able to critically study the international literature; to be able to write a report about a research question (possibly with original ideas), orally defend it.
- 4 Prove to be independent, enthusiastic and have a sense of precision.

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, Work placement

Study material

None

References**Course content-related study coaching****Assessment moments**

end-of-term and continuous assessment

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

Oral assessment

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

Oral assessment

Examination methods in case of permanent assessment

Participation, Assignment

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

- <http://www.wiskunde.ugent.be/praktische-organisatie/bachelorproject-masterproef.php>
- 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

Mean of the scores of the advisor and the two referees.