

Master's Dissertation (F000612)

Course size (nominal values; actual values may depend on programme)
Credits 24.0 Study time 720 h Contact hrs 50.0 h

Course offerings and teaching methods in academic year 2018-2019

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|----------|---------|-----------------------|--------|
| A (year) | English | master's dissertation | 50.0 h |
|----------|---------|-----------------------|--------|

Lecturers in academic year 2018-2019

| Offered in the following programmes in 2018-2019 | crdts | offering |
|--|-------|----------|
| Master of Science in Business Engineering (main subject Data Analytics) | 24 | A |
| Master of Science in Business Engineering (main subject Finance) | 24 | A |
| Master of Science in Business Engineering (main subject Operations Management) | 24 | A |

Teaching languages

English

Keywords

Position of the course

The master's dissertation is the final course completing a master's programme. The student should demonstrate the ability to develop and perform research in the domain of the master's programme and the ability to report orally and in writing about this research.

The master's dissertation is an individual academic work in which the student attempts to contribute to the research field of the Master's programme.

Contents

The master's dissertation (written paper) includes:

- 1/ a clear research question (scientifically and/or socially relevant)
 - 2/ a theoretical and/or conceptual base (based on a study of the literature)
 - 3/ the research design (argumentation research approach, data selection, data description, analysis procedure and results...)
 - 4/ discussion and conclusion, critical reflection on the results
- The oral examination of the master's dissertation includes a presentation and an oral defence.

Presentation: The student should be able to present the core of the research within a short timeframe.

Oral defence: the evaluation commission will ask questions about the research. The student should demonstrate that he/she masters the matter.

Initial competences

Final competences

- 1 Immerse themselves in an academic topic, related to the domain of the programme and/or main subject.
- 2 Translate a domain-specific problem or question into a unique and scientific relevant research issue.
- 3 Process relevant scientific literature into a synopsis in a critical way, with attention for the scientific and deontological rules and norms.
- 4 Take a position after a profound analysis of different scientific sources and different points of view.

- 5 Apply the appropriate research method(s) in their own research design in a creative way.
- 6 Conduct and process research with scientific integrity.
- 7 Evaluate the results of (own) research in a correct and critical way
- 8 Write and present concisely own insights and research results to experts.
- 9 Reflect on the added value and limitations of their own research to further scientific research and social developments.
- 10 Edit a clear, well-structured and consistent scientific report.
- 11 Having a critical, reflective attitude in general.

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

Learning materials and price

For the manual and list of topics, please consult the Minerva site MASTERPROEVEN FEB/master's dissertations FEB (FX00003A) Subscribe via 'study offer' sign in to (other) course sites.

References

Course content-related study coaching

It is expected that the student writes the master's dissertation independently. Guidance and assistance is provided by the dissertation supervisor or an assistant (in case of problems, feedback about the research approach or parts of the paper (almost final version). The student is responsible to keep the supervisor informed about their work.

Evaluation methods

end-of-term evaluation and continuous assessment

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

Oral examination

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

Oral examination

Examination methods in case of permanent evaluation

Participation, assignment

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

The evaluation criteria are defined in the evaluation form of the master's dissertation. This form is part of the master's dissertations manual.

Parts of evaluation:

- written report, process evaluation included (15/20) 75%
- presentation and oral defence (5/20) 25%

The evaluation committee is composed out of the dissertation supervisor, the commissioner and a chairman. The evaluation committee assesses the master's dissertation.

Calculation of the examination mark

Parts of evaluation:

- written report, process evaluation included (15/20) 75%
- presentation and oral defence (5/20) 25%

The student must achieve at least 7,5/15 on the written report in order to pass. If the student does not achieve 7,5/15, the highest possible score is 9/20. If the student is absent on the part presentation and oral defence the student can not pass the master's dissertation.

If the student doesn't achieve 10/20 on the master's dissertation the student can not pass the master's programme. Tolerance does not apply to the master's dissertation

(as mentioned in the Education and Examination Code)