

## Master's Dissertation (1002199)

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.

**Course size** *(nominal values; actual values may depend on programme)*  
**Credits 30.0**                      **Study time 900 h**                      **Contact hrs**                      300.0 h

### Course offerings in academic year 2022-2023

A (year)                      English                      Gent

### Lecturers in academic year 2022-2023

Du Laing, Gijs                      LA24                      lecturer-in-charge

### Offered in the following programmes in 2022-2023

	crdts	offering
<a href="#">International Master of Science in Sustainable and Innovative Natural Resource Management</a>	30	A

### Teaching languages

English

### Keywords

Scientific research, research techniques, scientific reporting, written manuscript, oral presentation

### Position of the course

Students can choose the topic for their master's dissertation (thesis) in a broad range of disciplines in which the scientific staff of the master programs is active. The students can propose their own research topic or become involved in ongoing research within the research group of their promoter(s). Students have to conduct research with the appropriate expertise in order to contribute to the development of a particular research domain. The ultimate goal is to initiate students into research at an academic level so that, upon completion of their master program, they are able to carry out scientific research in a proper way. For some programs, specific requirements will be mentioned in the practical procedure.

### Contents

The master's dissertation is a written report of the scientific research the student has conducted. The structure of the Dissertation depends on the institution/faculty/department where the Dissertation is defended. More information about the practical procedure for the master's dissertation and about the properties, rights and duties of those involved in the master's dissertation can be obtained from the local SINReM coordinator and/or found on the website of the local institution/faculty/department.

### Initial competences

A thorough scientific basic knowledge and knowledge of research techniques in the field of the master program.

### Final competences

- 1 define a research problem
- 2 formulate clear research questions
- 3 set up an appropriate methodology
- 4 carry out a critical literature study
- 5 collect data meticulously (using existing data sets or data obtained by lab or field work or surveys)
- 6 process data in a correct way
- 7 analyze data in a critical way
- 8 make a concise synthesis

- 9 draw up a final manuscript – scientific report , which includes taking into account all formal aspects of the final manuscript with respect to construction of the dissertation, language and style, figures and tables, references
- 10 show the necessary independence, motivation, dedication and initiative while obtaining final competences 1-9
- 11 give a clear oral presentation of the results of the work
- 12 argue in a well founded manner during the discussion

#### **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**

Hints for task specific literature will be given.

#### **References**

Practical Research: Planning and Design by Paul D. Leedy & Jeanne Ellis Ormrod, 2009, Prentice Hall. ISBN 9780137152421

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

The master's dissertation is actively coached by the promoter(s) and tutor(s) during counseling meetings, during which the work as well as the ongoing learning process involved are reviewed.

#### **Evaluation methods**

end-of-term evaluation

#### **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**

Participation

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

examination during the second examination period is possible

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

The examination method depends on the institution/faculty/department where the Dissertation is defended. More information can be obtained from the local SINReM coordinator.

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

The thesis is defended and evaluated according to the local regulations and system established at the institution/faculty/department where the Dissertation is defended, however taking into account the joint evaluation and grading criteria outlined by the SINReM Board. More information can be obtained from the local SINReM coordinator. Students who eschew periodic and/or permanent evaluations may be failed by the examiner.