

## Logic (A005607)

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

**Credits 9.0** **Study time 270 h**

**Course offerings in academic year 2023-2024**

A (Year) English Gent

**Lecturers in academic year 2023-2024**

Meheus, Joke	LW01	lecturer-in-charge
Pawlowski, Pawel	LW01	co-lecturer

**Offered in the following programmes in 2023-2024**

	crdts	offering
<a href="#">Research Master of Arts in Philosophy</a>	9	A

**Teaching languages**

English

**Keywords**

non-classical logics, nonmonotonicity and defeasibility, modal logics, logic and reasoning

**Position of the course**

This course is one of the eighteen research seminars that constitute the core of the master programme. Depending on initial qualifications, students enrol for three or five such research seminars.

**Contents**

The main lecturer's extensive experience in developing non-classical logics for the formal analysis of scientific reasoning processes is taken as the starting point in this seminar. Based on this expertise, the students will be taught how they can develop logical systems that are not only sound but also adequate for the logical analysis of specific reasoning processes.

**Initial competences**

Knowledge of philosophical logic at intermediate level.  
Competent in philosophical writing and argumentation.

**Final competences**

- 1 Ability to formulate original and innovative research problems based on the duly founded insight into the internationally recognised state-of-the-art in philosophical logic.
- 2 Ability to work out original solutions to the selected research problems, and argue for them clearly and convincingly.
- 3 Ability to deepen one's knowledge of philosophical logic independently.
- 4 Ability to report on research orally in a clearly-understood manner.

**Conditions for credit contract**

Access to this course unit via a credit contract is determined after successful competences assessment

**Conditions for exam contract**

This course unit cannot be taken via an exam contract

**Teaching methods**

Seminar

**Extra information on the teaching methods**

Reading group, one-on-one tutoring

**Learning materials and price**

Digital copies of the texts available via Ufora.

**References**

Priest, G. (2008). An Introduction to Non-Classical Logic: From If to Is (Cambridge Introductions to Philosophy). Cambridge: Cambridge University Press. doi:10.1017/CBO9780511801174

**Course content-related study coaching**

Individual help is offered by the lecturers.

**Assessment moments**

continuous assessment

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

Skills test, Participation

**Possibilities of retake in case of permanent assessment**

not applicable

**Extra information on the examination methods**

Participation: constructive participation in the reading group, oral presentation of solutions to logic problems, critical examination of and feedback on solutions by others.

Skills test: skills in solving logic problems similar to those encountered in the reading group.

**Calculation of the examination mark**

Participation: 60%

Skills test: 40%

**Facilities for Working Students**

Presence in the reading groups is mandatory.