Logic (A005607)

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

Credits 9.0   **Study time 270 h**

Course offerings in academic year 2024-2025

A (Year)   English   Gent

Lecturers in academic year 2024-2025

Pawlowski, Pawel   LW01   lecturer-in-charge

Offered in the following programmes in 2024-2025   **crdts**   **offering**

Research Master of Arts in Philosophy   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

Study material

None

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.