

Logic (A005186)

Wegens Covid19 kan mogelijk afgeweken worden van de onderwijs- en evaluatievormen. Dergelijke afwijkingen zullen via Ufora worden gecommuniceerd.

Cursusomvang *(nominale waarden; effectieve waarden kunnen verschillen per opleiding)*

Studiepunten 10.0 **Studietijd** 300 u **Contacturen** 45.0 u

Aanbodsessies en werkvormen in academiejaar 2022-2023

A (jaar) Engels Gent werkcollege 45.0 u

Lesgevers in academiejaar 2022-2023

Meheus, Joke	LW01	Verantwoordelijk lesgever
Pawlowski, Pawel	LW01	Medelesgever

Aangeboden in onderstaande opleidingen in 2022-2023

stptn aanbodsessie

Onderwijstalen

Engels

Trefwoorden

non-classical logic, adaptive logics, modal logic, deontic logic, defeasible reasoning

Situering

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.

Inhoud

The seminar consists of fortnightly meetings where students, guided by the lecturers, discuss advanced logic texts and present and compare solutions to logic problems. Each meeting is coordinated by one of the lecturers and is attended by PhD students and postdoctoral researchers. The coordinator makes sure that, at the beginning of the year, it is clear which texts to read and which exercises to solve. The coordinator also decides, for each of the exercises, which of the participants will take the lead. Students are expected to study the texts and do all the exercises. They are also expected to present the solutions for the problems assigned to them. While preparing for the meetings, the students can contact the lecturers with questions.

Begincompetenties

Excellent grasp of Classical Logic (predicative level), including the metatheory (completeness proof, for instance). Basics of modal logics and of some non-classical logics -- see the textbook in the reference section.

Eindcompetenties

- 1 Capable to read advanced logic texts.
- 2 Capable to solve problems in advanced logic textbooks (including problems concerning metatheoretical issues).
- 3 Capable to present problem solutions to other logicians.
- 4 Capable to collaborate with logicians on non-trivial problems.

Creditcontractvoorwaarde

Toelating tot dit opleidingsonderdeel via creditcontract is mogelijk mits gunstige beoordeling van de competenties

Examencontractvoorwaarde

Dit opleidingsonderdeel kan niet via examencontract gevolgd worden

Didactische werkvormen

Werkcollege

Toelichtingen bij de didactische werkvormen

Reading group, one-on-one tutoring

Leermateriaal

Digital copies of the texts available via Ufora.

Referenties

Priest, G. (2008). An Introduction to Non-Classical Logic: From If to Is (Cambridge Introductions to Philosophy). Cambridge: Cambridge University Press. doi:10.1017/CB09780511801174

Vakinhoudelijke studiebegeleiding

Lectures are available for questions; interaction with the PhD-students and the postdoctoral researchers is encouraged.

Evaluatiemomenten

niet-periodegebonden evaluatie

Evaluatievormen bij periodegebonden evaluatie in de eerste examenperiode

Evaluatievormen bij periodegebonden evaluatie in de tweede examenperiode

Evaluatievormen bij niet-periodegebonden evaluatie

Participatie, vaardigheidstest

Tweede examenkans in geval van niet-periodegebonden evaluatie

Niet van toepassing

Toelichtingen bij de evaluatievormen

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.

Eindscoreberekening

Participation: 60%

Skills test: 40%

Faciliteiten voor werkstudenten

Presence in the reading groups is mandatory.