lfilo2211	Formalized logic B
2019	

In view of the health context linked to the spread of the coronavirus, the methods of organisation and evaluation of the learning units could be adapted in different situations; these possible new methods have been - or will be - communicated by the teachers to the students.

5 credits	30.0 h	Q1

⚠ **This biannual learning unit is not being organized in 2019-2020 !**

Teacher(s)	Verdée Peter ;
Language :	French
Place of the course	Louvain-la-Neuve
Main themes	Each year this course will select a particular theme - for example, theories of grammaticality, meaning, discourse analysis, pragmatics, modal logics, lambda calculus, theory of proof, set theory, non-classical logic, contemporary approaches to ancient logic, etc.
Aims	At the end of the course the student should be able to understand the background of current debates in logic • understood as including the theory of argumentation (rhetoric) and philosophy of language • and eventually be able to conduct research in one of these areas. 1 At the end of the course the student should : • Be able to use certain specific tools for research in logic and philosophy of language ; • Have a good general grasp of the breadth of contemporary research, and if appropriate, of the history of logic and philosophy of language ; • Be able to make use of contributions from other disciplines in philosophical research in logic and philosophy of language. - - - - *The contribution of this Teaching Unit to the development and command of the skills and learning outcomes of the programme(s) can be accessed at the end of this sheet, in the section entitled "Programmes/courses offering this Teaching Unit".*
Evaluation methods	**Due to the COVID-19 crisis, the information in this section is particularly likely to change.** Students can freely choose between the following choices: 1. a presentation of roughly one hour for the other students, followed by questions from other students and the professor) on a topic relevant for the contents of the course 2. a written essay followed by a discussion on the essay 3. an oral open book exam in the official examination period
Content	**Formal and informal theories of truth.** We will study the different philosophical approaches and formal theories of truth (truth as correspondence, truth as coherence, constructivist truth, deflationary truth, transcendental truth, paradoxes of truth, truth in mathematics, etc.). Some closely related topics will also be discussed: justification, provability, truthmaking, grounding. These themes will be treated from the point of view of logic, philosophy of mathematics and (analytic) metaphysics. The selection of specific topics will be made according to the interests of the students. These books will serve as the basis of our studies: • Leon Horsten. The Tarskian Turn: Deflationism and Axiomatic Truth. MIT Press (2011). • Truth and Truth-Making. E. J. Lowe & A. Rami (eds.). Mcgill-Queen's University Press (2009). • Lynch, M. P. Mcgill (ed.). The Nature of Truth. MIT Press (2001). • Blackburn, Simon and Simmons, Keith (eds.), 1999, Truth, Oxford: Oxford University Press. • Fabrice Correia & Benjamin Schnieder (eds.). Metaphysical Grounding: Understanding the Structure of Reality. Cambridge University Press (2012)
Bibliography	• Leon Horsten. The Tarskian Turn: Deflationism and Axiomatic Truth. MIT Press (2011). • Truth and Truth-Making. E. J. Lowe & A. Rami (eds.). Mcgill-Queen's University Press (2009). • Lynch, M. P. Mcgill (ed.). The Nature of Truth. MIT Press (2001). • Blackburn, Simon and Simmons, Keith (eds.), 1999, Truth, Oxford: Oxford University Press. • Fabrice Correia & Benjamin Schnieder (eds.). Metaphysical Grounding: Understanding the Structure of Reality. Cambridge University Press (2012)

Faculty or entity in charge	EFIL

Programmes containing this learning unit (UE)

Program title	Acronym	Credits	Prerequisite	Aims
Master [120] in French and Romance Languages and Literatures : French as a Foreign Language	FLE2M	5		🔍
Master [60] in Philosophy	FILO2M1	5		🔍
Master [120] in Linguistics	LING2M	5		🔍
Certificat universitaire en philosophie (approfondissement)	FILA9CE	5		🔍
Master [120] in Philosophy	FILO2M	5		🔍