Master of Logic 2016/17

v0.6: https://github.com/cschaffner/MoLOverviewPoster, suggestions and comments are welcome!

Fork me on GitHub

Sep/Okt 2016
Nov/Dec 2016
Feb/Mar 2017
Apr/May 2017

Mandatory Courses of Tracks:
L&P: Logic & Philosophy
L&L: Logic & Language
L&C: Logic & Computation
L&M: Logic & Mathematics

Philosophy

- [MoL-FGW] Advanced topics in Philosophy of Language (Betti)
- [MAPhil] Early modern philosophy of language (Maat)
- [GSHum] Introduction to the Philosophy of Language (Brouwer)
- [MAPhil] Techno-science and epistemology (Russo)
- [MoL-FGW] Ethics, Ontology, Life: Wittgenstein's Later Work (Stokhof)

Cognition

- [MoL-FGW] Rationality, Cognition and Reasoning (vLambalgen)
- [MAPhil] Philosophy of cognition (Brouwer)

Computational Linguistics / AI

- [MScB&CS] Foundations of Neural and Cognitive Modelling (Zuidema)
- [MScAI] Natural Language Processing 1 (Titov)
- [MScB&CS] Music Cognition (Honing)
- [MScAI] Natural Language Processing 2 (Sima'an)
- [MScAI] Unsupervised Language Learning (Zuidema)
- [MScB&CS] Cognitive Models of Language and Music (Bod)
- [MoL-FNWI] Computational Semantics and Pragmatics (Fernandez)
- [MScAI] Knowledge Representation (vHarmelen)
- [MScAI] Knowledge Representation for the Web (Schlobach)

Philosophical Logic

- [MoL-FNWI] Logic, Knowledge and Science (Smets)
- [MoL-FGW] Possible Worlds: Logic and Metaphysics (Berto)
- [MAPhil] Kant, Logic and Cognition (vLambalgen)
- [MoL-FGW] Philosophy of Mathematics (Incurvati)
- [MoL-FNWI] Intuitionistic Logic (de Jongh and Ciardelli)
- [MoL-FNWI] Dynamic Epistemic Logic (Baltag)

Linguistics

- L&P [MoL-FNWI] Philosophical Logic (vRooij)
- L&P L&L [MoL-FGW] Meaning, Reference and Modality (Dekker)
- [MAPhil] Causal inference: philosophical theory and modern practice (Schulz)
- [GSHum] Time (vLambalgen)
- [MoL-FNWI] Logic and Conversation (Roelofsen)
- L&L [MoL-FGW] Structures for Semantics (Aloni)
- [RM-Ling] Functional Discourse Grammar (Hengeveld)
- [RM-Ling] Generative Grammar (Iatridu)
- [MoL-FNWI] Logical Methods in Cognitive Science (Szymanik)
- [MoL-FNWI] Basic Probability: Programming (Schaffner, Schulz) [3EC]
- [MoL-FNWI] Basic Probability: Theory (Schaffner) [3EC]

Mathematical Logic

- all: Logic, Language and Computation (Aloni) [3EC]
- some: [MoL-FNWI] Basic Logic (Incurvati)
- L&M [BScWisk] Introduction to Modal Logic (Bezhanishvili, Enqvist)
- [MoL-FNWI] Capita Selecta: Modal Logic, Algebra, Coalgebra (Venema, Enqvist)
- L&M [BScWisk] Axiomatic Set Theory (Baltag)
- [MastMath-UvA] Mathematical Structures in Logic (Bezhanishvili)
- [MastMath-VU] Set Theory (Hart) [8EC]
- [MastMath-UvA] Intuitionistic Mathematics (Veldman) [8EC]
- [MoL-FNWI] Seminar Mathematical Logic (Loewe) [3EC]
- [MoL-FNWI] Capita Selecta: Set Theory (Löwe)
- L&M [MoL-FNWI] Proof Theory (vdBerg)
- L&M [MoL-FNWI] Model Theory (vdBerg)
- [MoL-FNWI] Category Theory (vdBerg)

Theoretical Computer Science

- [MoL-FNWI] Computability and Interaction (Baeten)
- [MScCS-VU] Logical Verification (vRaamsdonk)
- [MoL-FNWI] Computational Social Choice (Endriss)
- [MScCS-VU] Concurrency Theory (Ponse)
- [MoL-FNWI] Lambda Calculus (Rodenburg)
- [MoL-FNWI] Functional Specification of Algorithms (vEijck)
- [MScCS-VU] Distributed Algorithms (Fokkink)
- [MoL-FNWI] Recursion Theory (Rodenburg)
- L&C [MoL-FNWI] Information Theory (Schaffner)
- L&C [MoL-FNWI] Computational Complexity (Buhrman)
- [MoL-FNWI] Kolmogorov Complexity (Torenvliet)
- [MoL-FNWI] Game Theory (Endriss)
- [MastMath-UvA] Quantum computing (dWolf) [8EC]