Master of Logic 2017/18

version: 20 June 2017:
https://github.com/cschaffner/MoLOverviewPoster
Suggestions and comments are welcome!

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

Sep/Okt 2017
Nov/Dec 2017
Feb/Mar 2018
Apr/May 2018
2018/19

Philosophy

[MoL-FGW] Introduction to the Philosophy of Language (Brouwer)

[MoL-FGW] Ontology: Philosophical Perspectives (Berto, Lipman)

[MoL-FGW] Radical Interpretation, Hermeneutics and Forms of Life (Stokhof)

all: Logic, Language and Computation (Aloni) [3EC]

Cognition

[MoL-FGW] Rationality, Cognition and Reasoning (vLambalgen)

[MoL-FGW] Philosophy of Cognition (Brouwer)

Computational Linguistics / AI

[MScAI] Natural Language Processing 1 (Deoskar)

[MScAI] Natural Language Processing 2 (Sima'an)

[MScAI] Unsupervised Language Learning (Deoskar)

[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)

[MoL-FGW] Kant, Logic and Cognition (vLambalgen)

[MoL-FGW] Causal Inference: Philosophical Theory and Modern Practice (Schulz)

all: [MoL-FNWI] Mathematical Proof Methods for Logic (Incurvati)

[MoL-FGW] Philosophy of Mathematics (Incurvati)

L&P [MoL-FNWI] Philosophical Logic (vRooij)

[MoL-FGW] Advanced topics in Philosophy of Language (Dekker)

L&P L&L [MoL-FGW] Meaning, Reference and Modality (Dekker)

[MoL-FGW] Time (vLambalgen)

[MoL-FNWI] Dynamic Epistemic Logic (Baltag)

[MoL-FNWI] Logic and Conversation (Roelofsen)

L&L [MoL-FGW] Structures for Semantics (Aloni)

[MScB&CS] Cognition and Language Development (Schaeffer)

[MoL-FNWI] Logical Methods in Cognitive Science (Szymanik) in 2018/19 only

[MScB&CS] Foundations of Neural and Cognitive Modelling (Zuidema)

[MoL-FNWI] Computational Semantics and Pragmatics (Fernandez)

[MScB&CS] Cognitive Models of Language and Music (Lentz)

[MScB&CS] Music Cognition (Honing)

Theoretical Linguistics

[RM-Ling] Syntax and Semantics 1 (Hengeveld, Aboh) → [RM-Ling] Syntax and Semantics 2 (Hengeveld, Aboh)

Economic Theory

[MoL-FNWI] Computational Social Choice (Endriss)

[MoL-FNWI] Game Theory (Endriss)

L&M, L&C [BScWisk] Introduction to Modal Logic (Bezhanishvili)

[MoL-FNWI] Topics in Modal Logic (Venema)

Mathematical Logic

L&M [MastMath-UvA] Set Theory (Hart, Löwe) [8EC]

[MoL-FNWI] Mathematical Structures in Logic (Bezhanishvili)

L&M [MoL-FNWI] Proof Theory (vdBerg)

L&M [MoL-FNWI] Model Theory (Venema)

[MoL-FNWI] Category Theory (vdBerg) in 2018/19 only

[MastMath-Utrecht] Category Theory and Topos Theory (van Oosten) [8EC]

[MoL-FNWI] Homotopy Type Theory (vdBerg)

[MoL-FNWI] Seminar Mathematical Logic (Löwe) [3EC]

Theoretical Computer Science

[MoL-FNWI] Computability and Interaction (Baeten) in 2018/19 only

L&C [MoL-FNWI] Information Theory (Schaffner)

[MoL-FNWI] Basic Probability: Programming (TBA) [3EC]

[MoL-FNWI] Kolmogorov Complexity (Torenvliet)

L&C [MoL-FNWI] Computational Complexity (de Haan, Torenvliet)

[MoL-FNWI] Basic Probability: Theory (TBA) [3EC]

[MoL-FNWI] Protocol Validation (Ponse)

[MoL-FNWI] Recursion Theory (Rodenburg)

[MoL-FNWI] Lambda Calculus (Rodenburg)

[MScCS] Concurrency Theory (Ponse)

[MScCS-VU] Term Rewriting Systems (Endrullis)

[MastMath-UvA] Quantum computing (dWolf) [8EC]

[MastMath] Machine Learning Theory (Koolen, Grünwald, dHeide) [8EC]