

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

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

Philosophical
Logic
all
[MoL-FNWI]
Math Proof
Methods for
Logic
(Incurvati)

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

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

Mathematical
Logic

[GSHum]
Introduction
to the
Philosophy of
Language
(Brouwer)

Philosophy

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

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

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

[MoL-FGW]
Philosophy of
Cognition
(Brouwer)

[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)

[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)

[RM-Ling]
Syntax and
Semantics 1
(Hengeveld)

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

Theoretical
Linguistics

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

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

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

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

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

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

[MoL-FNWI]
Category Theory
(vdBerg)

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

[MoL-FNWI]
Homotopy Type
Theory
(vdBerg)

[MScCS]
Protocol Validation
(Ponse)

[MoL-FNWI]
Recursion Theory
(Rodenburg)

[MoL-FNWI]
Lambda Calculus
(Rodenburg)

[MScCS]
Concurrency Theory
(Ponse)

Master of Logic 2017/18

draft version, 13 June 2017:
<https://github.com/cscaffner/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

Cognition

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

[MoL-FNWI] Logical
Methods in
Cognitive Science
(Szymanik)

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

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

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

[MScB&CS]
Music Cognition
(Honing)

Economic
Theory

[MoL-FNWI]
Computational
Social Choice
(Endriss)

[MoL-FNWI]
Game Theory
(Endriss)

[MoL-FNWI]
Computability and
Interaction (Baeten)

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

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

[MoL-FNWI]
Kolmogorov
Complexity
(Torenvliet)

[MScCS-VU]
Term Rewriting
Systems
(Endrullis)

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

Computational
Linguistics / AI

[MScAI]
Natural Language
Processing 1
(Deoskar)

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

[MScAI]
Unsupervised
Language Learning
(Zuidema)

[MScAI]
Knowledge
Representation
(vHarmelen)

[MScAI]
Knowledge
Representation for
the Web
(Schlobach)

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

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

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

Theoretical
Computer Science