

Sep/Oct 2019

Nov/Dec 2019

Feb/Mar 2020

Apr/May 2020

not in 2019/20

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

[MoL-FGW]
Philosophy of
Techno Science
(Russo)

[MoL-FGW]
History of logic:
Theories of Language
in Early Modern
Philosophy (Maat)

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

[MoL-FGW]
Ontology:
Philosophical
Perspectives
(Schipper)

[MoL-FGW]
Wittgenstein on
Ethics and
Aesthetics
(Stokhof)

Philosophy

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

Cognition

Master of Logic 2019/20

version: 17 May 2019:
<https://github.com/cschaaffner/MoLOverviewPoster>
 Suggestions and comments are welcome!

Computational Linguistics / AI

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

Philosophical Logic

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

[MoL-FNWI]
Epistemic Paradoxes
and Philosophical
Puzzles
(Smets)

[MoL-FGW]
Logic and
Philosophy
(Betti)

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

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

[MoL-FGW]
Philosophy of
Mathematics
(Incurvati)

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

L&P
Advanced topics in
Philosophy of
Language
(Dekker)

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

[MoL-FGW]
Time
(van Lambalgen)

[MoL-FNWI]
Topology, Logic and
Learning
(Baltag)

[MoL-FNWI]
Dynamic Epistemic
Logic
(Baltag)

Theoretical Linguistics

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

[RM-Ling]
Syntax and
Semantics 2
(Ruijgrok)

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

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

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

[MastMath]
Category Theory and
Topos Theory
(van den Berg) [8EC]

L&M
[MoL-FNWI]
Proof Theory
(van den Berg)

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

[MoL-FNWI]
Category Theory
(van den Berg)

[MScCS-VU]
Protocol Validation
(Ponse)

[MoL-FNWI]
Logic, Games and
Automata
(Afshari)

[MoL-FNWI]
Lambda Calculus
(Rodenburg)

[MScCS]
Concurrency Theory
(Ponse)

[MScCS-VU]
Homotopy Type
Theory
(van den Berg)

[MoL-FNWI]
Logical Verification
(Blanchette)

[MScCS-VU]
Recursion Theory
(Rodenburg)

Mathematical Logic

[MoL-FNWI]
Rudiments of
Axiomatic Set
Theory (Löwe)
[3EC]

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

[MastMath]
Topos Theory
(van Oosten)
[8EC]

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

[MoL-FNWI]
Homotopy Type
Theory
(van den Berg)

[MScCS-VU]
Protocol Validation
(Ponse)

[MoL-FNWI]
Logic, Games and
Automata
(Afshari)

[MoL-FNWI]
Lambda Calculus
(Rodenburg)

[MScCS]
Concurrency Theory
(Ponse)

[MScCS-VU]
Homotopy Type
Theory
(van den Berg)

[MoL-FNWI]
Logical Verification
(Blanchette)

[MScCS-VU]
Recursion Theory
(Rodenburg)

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

Computational Linguistics / AI

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

[MScAI]
Natural Language
Processing 1
(Shutova)

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

[MoL-FNWI]
Advanced Topics in
Computational
Semantics
(Shutova)

[MScAI]
Deep Learning for
Natural Language
Processing
(Monz, Aziz)

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

[MoL-FNWI]
Computability and
Interaction
(Baeten)

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

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

Quantum

[MoL-FNWI]
Game Theory
(Endriss)

[MoL-FNWI]
Computational
Social Choice
(Endriss)

[MoL-FNWI]
Symbolic Systems 1
(TBA)

[MoL-FNWI]
Kolmogorov
Complexity
(Torenvliet)

[MScCS-VU]
Term Rewriting
Systems
(Endrullis)

[MScCS-VU]
Distributed
Algorithms
(Fokkink)

[MastMath-UvA]
Quantum
Information Theory
(Walter and Ozols)
[8EC]

[MastMath-UvA]
Quantum
Computing
(de Wolf)
[8EC]

Theoretical Computer Science