

Sep/Oct 2018
 Nov/Dec 2018
 Feb/Mar 2019
 Apr/May 2019
 2019/20

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

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

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

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

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

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

L&M
 [MastMath]
 Model Theory
 (Venema)
 [8EC]

[MastMath-Utrecht]
 Category Theory and
 Topos Theory
 (van Oosten) [8EC]
 in 2019/20 only

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

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

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

[MoL-FNWI]
 Homotopy Type
 Theory
 (van den Berg)
 in 2019/20 only

Mathematical
 Logic

Philosophy

[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
 (TBC)

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

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

[MoL-FGW]
 Philosophy of
 Cognition
 (Brouwer)

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

[MoL-FGW]
 Logic and
 Philosophy
 (TBC)

[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)

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

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

L&L
 [MoL-FGW]
 Time
 (van Lambalgen)

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

[MoL-FNWI]
 Dynamic Epistemic
 Logic
 (Baltag)

[MoL-FGW]
 Semantics and
 Philosophy
 (Dekker, Aloni)

[MoL-FNWI]
 Logic and
 Conversation
 (Roelofsen)

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

Theoretical
 Linguistics

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

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

[MScCS-VU]
 Protocol Validation
 (Ponse)

[MoL-FNWI]
 Recursion Theory
 (Rodenburg)

[MoL-FNWI]
 Lambda Calculus
 (Rodenburg)

[MScCS]
 Concurrency Theory
 (Ponse)

[MScCS-VU]
 Logical Verification
 (Blanchette)

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

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

Master of Logic
 2018/19
 version: 24 August 2018:
<https://github.com/cscaffner/MoLOverviewPoster>
 Suggestions and comments are welcome!

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]
 Comp Semantics
 and Pragmatics
 (Fernandez)
 in 2019/20 only

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

[MScB&CS]
 How Music Works:
 Music Cognition
 (Honing)

[MoL-FNWI]
 Computational
 Social Choice
 (Endriss)

[MoL-FNWI]
 Game Theory
 (Endriss)

Economic
 Theory

Computational
 Linguistics / AI

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

[MScAI]
 Natural Language
 Processing 1
 (Shutova)

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

[MScAI]
 Statistical Methods
 for Natural
 Language Semantics
 (Shutova)

[MScB&CS]
 Seminar Combining
 Symbolic and Statistical
 Methods in AI
 (van Harmelen)

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

[MoL-FNWI]
 Computability and
 Interaction
 (Baeten)

[MoL-FNWI]
 Kolmogorov
 Complexity
 (Torenvliet)

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

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

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

[MScCS-VU]
 Distributed
 Algorithms
 (Fokkink)

[MScCS-VU]
 Term Rewriting
 Systems
 (Endrullis)

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

Theoretical
 Computer Science