

1: Sep/Oct 2019

2: Nov/Dec 2019

4: Feb/Mar 2020

5: Apr/May 2020

not in 2019/20

all
1+2: Logic,
Language and
Computation
(Aloni)
[3EC]

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

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

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

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

Philosophy

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

2: [MoL-FGW]
Philosophy of
Cognition
(Brouwer)

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

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

Philosophical Logic

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

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

4: [MoL-FGW]
Logic and
Philosophy
(Betti)

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

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

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

L&P
5: [MoL-FGW]
Advanced topics in
Philosophy of
Language
(Dekker)

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

4: [MoL-FGW]
Time
(van Lambalgen)

4: [MoL-FNWI]
Topology, Logic and
Learning
(Balag)

2: [MoL-FNWI]
Dynamic Epistemic
Logic
(Balag)

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

1: [MoL-FNWI]
Logic and
Conversation
(Roelofsen)

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

L&M, L&C
1+2: [BScWisk]
Introduction to
Modal Logic
(Bezhanishvili)

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

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

1+2: [MastMath]
Category Theory and
Topos Theory
(van den Berg) [8EC]

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

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

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

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

L&M
1+2: [MMath-UvA]
Set Theory
(Hart, Löwe)
[8EC]

4+5: [MastMath]
Topos Theory
(van Oosten)
[8EC]

1+2: [MoL-FNWI]
Seminar
Mathematical Logic
(Löwe)
[3EC]

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

Mathematical Logic

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History of logic:
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4: [MoL-FGW]
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1: [MoL-FGW]
Introduction to
the Philosophy
of Language
(Brouwer)

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

Theoretical Linguistics

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

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

Game Theory & Social Choice

4: [MoL-FNWI]
Game Theory
(Endriss)

5: [MoL-FNWI]
Computational
Social Choice
(Endriss)

5: [MoL-FNWI]
Protocol Validation
(Ponse)

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

5: [MoL-FNWI]
Kolmogorov
Complexity
(Torenvliet)

4: [MScCS-VU]
Term Rewriting
Systems
(Endrullis)

4+5: [MMath-UvA]
Quantum
Information Theory
(Walter and Ozols)
[8EC]

4+5: [MMath-UvA]
Quantum
Computing
(de Wolf)
[8EC]

Quantum

2: [MScCS-VU]
Logical Verification
(Blanchette)

2: [MScCS]
Concurrency Theory
(Ponse)

1+2: [MoL-FNWI]
Lambda Calculus
(Rodenburg)

1+2: [MoL-FNWI]
Recursion Theory
(Rodenburg)

1: [MoL-FNWI]
Distributed
Algorithms
(Fokkink)

5: [MoL-FNWI]
Computability and
Interaction
(Baeten)

4: [MScCS-VU]
Computational
Complexity
(de Haan)

4: [MScCS-VU]
Information Theory
(Schaffner)

Theoretical Computer Science

1: [MScCS-VU]
Protocol Validation
(Ponse)

2: [MScCS]
Concurrency Theory
(Ponse)

4+5: [MMath-UvA]
Quantum
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4: [MScCS-VU]
Term Rewriting
Systems
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4+5: [MMath-UvA]
Quantum
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(de Wolf)
[8EC]

Computational Linguistics / AI

2: [MScAI]
Natural Language
Processing 1
(Shutova)

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

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

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

5: [MScB&CS]
Advanced Topics in
Computational
Semantics
(Shutova)

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

1+2: [MastMath]
Machine Learning
Theory
(Koolen, Grünwald,
de Heide) [8EC]

5: [MScCS-VU]
Distributed
Algorithms
(Fokkink)

4: [MScCS-VU]
Computational
Complexity
(de Haan)

4: [MScCS-VU]
Information Theory
(Schaffner)

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