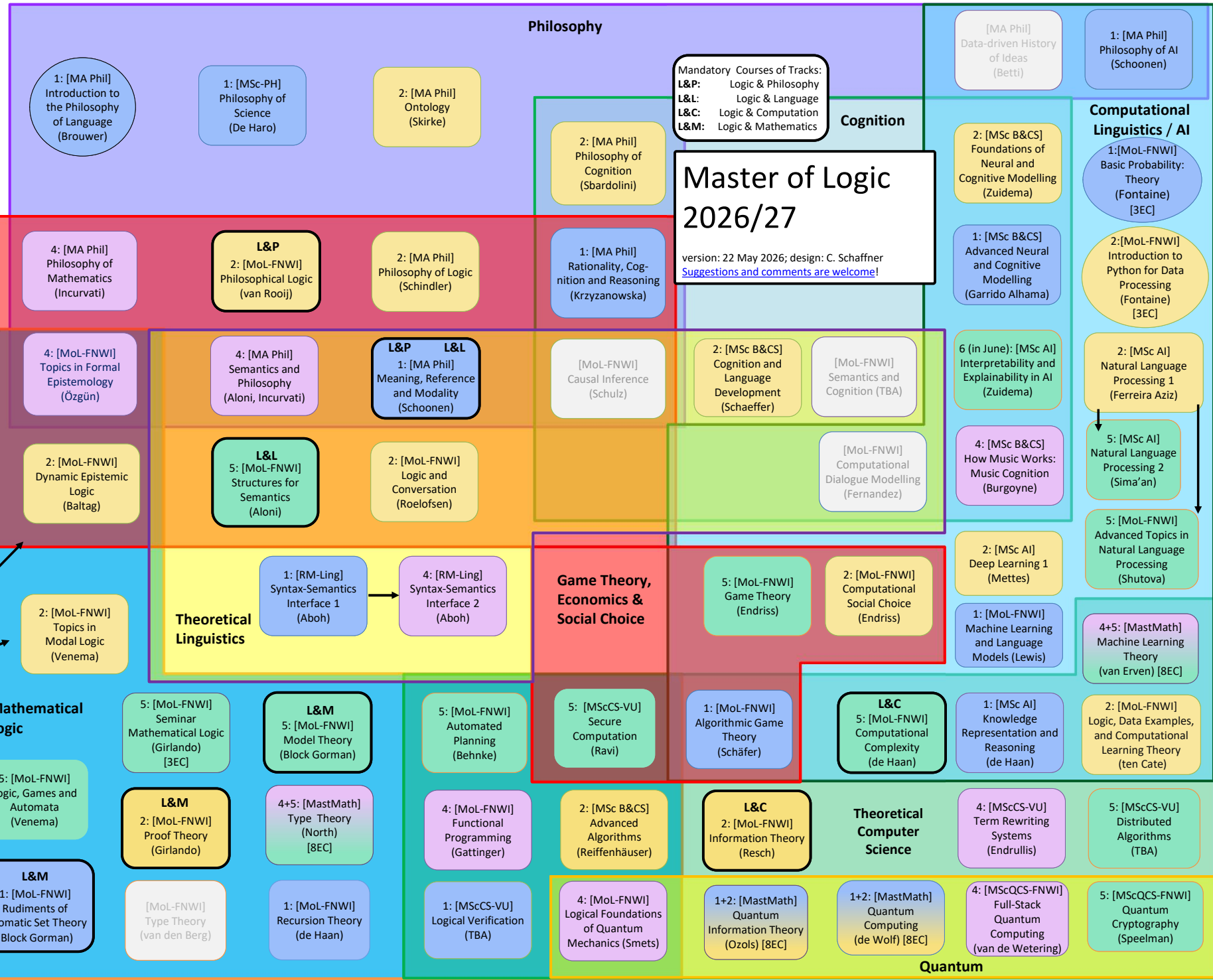


- 1: Sep/Oct 2026
- 2: Nov/Dec 2026
- 4: Feb/Mar 2027
- 5: Apr/May 2027
- not in 2026/27

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



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

Master of Logic 2026/27
 version: 22 May 2026; design: C. Schaffner
[Suggestions and comments are welcome!](#)

Philosophical Logic

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

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

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

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

4+5: [MastMath] Category Theory (van den Berg) [8EC]

4: [MA Phil] Philosophy of Mathematics (Incurvati)

4: [MoL-FNWI] Topics in Formal Epistemology (Özgün)

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

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

L&M
1: [MoL-FNWI] Rudiments of Axiomatic Set Theory (Block Gorman)

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

4: [MA Phil] Semantics and Philosophy (Aloni, Incurvati)

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

5: [MoL-FNWI] Seminar Mathematical Logic (Girlando) [3EC]

L&M
2: [MoL-FNWI] Proof Theory (Girlando)

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

2: [MA Phil] Philosophy of Logic (Schindler)

L&P L&L
1: [MA Phil] Meaning, Reference and Modality (Schoonen)

2: [MoL-FNWI] Logic and Conversation (Roelofs)

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

4+5: [MastMath] Type Theory (North) [8EC]

1: [MoL-FNWI] Recursion Theory (de Haan)

1: [MA Phil] Rationality, Cognition and Reasoning (Krzyzanowska)

[MoL-FNWI] Causal Inference (Schulz)

Game Theory, Economics & Social Choice

5: [MScCS-VU] Secure Computation (Ravi)

2: [MSc B&CS] Advanced Algorithms (Reiffenhäuser)

4: [MoL-FNWI] Logical Foundations of Quantum Mechanics (Smets)

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

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2: [MSc B&CS] Cognition and Language Development (Schaeffer)

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

1: [MoL-FNWI] Algorithmic Game Theory (Schäfer)

L&C
2: [MoL-FNWI] Information Theory (Resch)

1+2: [MastMath] Quantum Information Theory (Ozols) [8EC]

Cognition

[MoL-FNWI] Semantics and Cognition (TBA)

[MoL-FNWI] Computational Dialogue Modelling (Fernandez)

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

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

1+2: [MastMath] Quantum Computing (de Wolf) [8EC]

[MA Phil] Data-driven History of Ideas (Betti)

2: [MSc B&CS] Foundations of Neural and Cognitive Modelling (Zuidema)

1: [MSc B&CS] Advanced Neural and Cognitive Modelling (Garrido Alhama)

6 (in June): [MSc AI] Interpretability and Explainability in AI (Zuidema)

4: [MSc B&CS] How Music Works: Music Cognition (Burgoyne)

2: [MSc AI] Deep Learning 1 (Mettes)

1: [MoL-FNWI] Machine Learning and Language Models (Lewis)

1: [MSc AI] Knowledge Representation and Reasoning (de Haan)

4: [MScQCS-FNWI] Full-Stack Quantum Computing (van de Wetering)

1: [MA Phil] Philosophy of AI (Schoonen)

Computational Linguistics / AI

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

2: [MoL-FNWI] Introduction to Python for Data Processing (Fontaine) [3EC]

2: [MSc AI] Natural Language Processing 1 (Ferreira Aziz)

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

5: [MoL-FNWI] Advanced Topics in Natural Language Processing (Shutova)

4+5: [MastMath] Machine Learning Theory (van Erven) [8EC]

2: [MoL-FNWI] Logic, Data Examples, and Computational Learning Theory (ten Cate)

5: [MScQCS-FNWI] Quantum Cryptography (Speelman)

Quantum