# DEPΛRTMƎNT OF LOGIC ∴ BUDAPEST

# MA in Logic and Theory of Science
## Eötvös Loránd University Budapest

The Logic and Theory of Science MA is a two-year master's program in English at Eötvös Loránd University Budapest (ELTE), one of the leading universities of Hungary. The program is open to students from all over the world with a BA or BSc degree in philosophy, mathematics, physics, computer science, linguistics, social science, and all related fields.

The curriculum includes core courses in logic and formal approaches to philosophy of science, and advanced optional courses in logic, philosophy of mathematics, foundations of physics, logical methods in linguistics, philosophy of language, metaphysics, and formal models in social sciences. Students can choose a focus according to their own fields of interests. In general, the program is research oriented, aiming to prepare students for a PhD program.

The program is administered by the Department of Logic in the Institute of Philosophy at Eötvös Loránd University Budapest. The Department of Logic enjoys strong cooperative relations with the other philosophy departments of the university and with several science departments, including mathematics, physics, and theoretical linguistics. It also has strong connections with the Algebraic Logic Group of Rényi Institute of Mathematics.

The department organizes and hosts two weekly colloquia: the Logic and Philosophy of Mathematics seminar and the Theoretical Philosophy Forum. Our MA and PhD students regularly and actively participate in these events.

A selection of special courses offered in the last years:

– Alternative set theories
– Causality, determinism, and quantum mechanics
– Combinatorial logics
– Definability theory
– First-orderization of special relativity theory
– Formal approaches to Wittgenstein's philosophy
– From spacetime physics to the metaphysics of space and time
– Paradoxes, circularity, well-foundedness
– Proper names: theories of meaning and reference
– The metaphysics of fictional characters
– The modal logic of branching spacetime
– The semantics of natural kind terms
– Universal algebraic logic

The faculty includes:

Hajnal Andréka (Rényi Institute of Mathematics)
Zalán Gyenis (Rényi Institute of Mathematics)
Gábor Hofer-Szabó (Research Institute of Philosophy)
László Kálmán (Research Institute for Linguistics)
András Máté (Department of Logic, ELTE)
Péter Mekis (Department of Logic, ELTE)
István Németi (Rényi Institute of Mathematics)
Ildikó Sain (Rényi Institute of Mathematics)
László E. Szabó (Department of Logic, ELTE)
Zsófia Zvolenszky (Department of Logic, ELTE)

If you have any questions, please contact András Máté:

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For further information about the program, see:

http://phil.elte.hu/logic/ma

You can also find us on Facebook:

www.facebook.com/elte.logic