

Doctoral School of Mathematics

www.elte.hu/en/doctoral-school-of-mathematics

Faculty of Science
Eötvös Loránd University (ELTE)
Budapest, Hungary

Language of instruction:
English

Duration:
4 years

Program starts:
in September

Accreditation number:
OH-FHF/883-4/2010

ECTS credits:
240

Limit:
1-5 students



"While applying for studying abroad, there should not be a second thought while choosing ELTE. The university is amazing with a wide variety of courses, highly cooperative professors and very good facilities for students. And yes of course, Budapest is a beautiful city to live in."

Ashish Kumar
India



At the Doctoral School of Mathematics founded in 2001, topics comprise most of **pure mathematics**, also including **computer science, combinatorial optimization, statistical and mathematical physics**, as well as most of **applied mathematics** including the full spectrum of **operations research and statistics**. A program in didactics of mathematics is also available. The program is research-oriented: apart from attending specialized courses, our students usually start their research work by the end of the first year. By the end of the second year of studies, the students must pass a comprehensive examination. At the end of each year the students report about their research progress. By the end of the program most of them already obtain results which are published or accepted for **publication in internationally renowned journals**.

Strength of program:

The Institute of Mathematics employs close to one hundred full or part-time professors working in various fields of mathematics. The advisors of the PhD School are internationally renowned experts of their fields. We collaborate with several research institutes and universities both in and outside Hungary, and regularly have visitors from abroad doing research or giving courses. Of particular interest is the fact that many researchers in the internationally renowned **Hungarian school of combinatorics** have started their career at our university and many of them still have position at the Institute of Mathematics. For example, the Wolf Prize and Kyoto Prize winner **Prof. László Lovász** is a professor at our university. Recent Abel Prize winner, **Prof. Endre Szemerédi** is also a graduate of our school. But one could also recall the Ostrowski Prize of Prof. Miklós Laczkovich (professor of our university), the Gödel Prize of Prof. László Babai (former professor), the Coxeter Prize of Prof. Balázs Szegedy (a graduate of our university).

Career prospects:

While many of our former students obtain postdoctoral positions throughout the world, a large number of them get tenure or **tenure track positions at universities or research institutes**. Some of our students will pursue their research career in the **non-academic environment** of large international research institutions, tied to high-tech development or to the economic or financial world.

Job examples:

university professor, research mathematician in a research institute, system analyst in a financial institution (bank, investment, insurance), high-tech industry, teacher of mathematics

Your application:

Application deadline: 30 April

Tuition fee/semester (EU/EEA students): 1,910 EUR

Tuition fee/semester (non-EU/EEA students): 4,500 EUR

Application fee: 160 EUR

Registration fee/semester: 60 EUR

Please consult the website

for the most recent information:

www.elte.hu/en/doctoral-school-of-mathematics

Other degree programs at the Faculty of Science, ELTE:

- Biology MSc
- Chemistry MSc
- Environmental Science MSc
- Mathematics MSc
- Meteorology MSc
- Physics MSc
- Doctoral School of Biology
- Doctoral School of Chemistry
- Doctoral School of Earth Sciences
- Doctoral School of Environmental Sciences
- Doctoral School of Physics

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(available: every Friday 10:00-12:00 a.m. CET)

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Information in this leaflet is correct at the time of the publication. For the most up-to-date information, please consult the website at www.elte.hu/en/find-degree-program.

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