

Doctoral School of Physics

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

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:
1-4 students



At the Doctoral School of Physics founded in 1994, research topics are organized in three thematic programs:

- **Materials Science and Solid State Physics**
- **Particle Physics and Astronomy**
- **Statistical Physics, Biological Physics and the Physics of Quantum Systems**

The program is research-oriented, students start to work on their chosen topic under the guidance of a supervisor, immediately after enrolling in the program. In the first two years, students are required to also attend eight courses and complete the corresponding exams. In order to get the degree, students must have at least two papers published or accepted for **publication in internationally renowned journals**.

Research at the School is done in **close collaboration with** all major research institutes of **the Hungarian Academy of Sciences** (including Wigner Research Centre for Physics, Institute of Technical Physics and Materials Science, Research Centre for Astronomy and Earth Sciences, and the Institute of Enzymology).

Strength of program:

The Institute of Physics is ranked highly on various international lists (such as the CHE ranking). At the Institute, almost one hundred highly qualified permanent staff members work in various branches of **experimental and theoretical physics**. In addition, the Institute collaborates with the equally well-qualified research staff of the institutes of the Hungarian Academy of Sciences. Thanks to our supervisors coming from these institutions, our students have access to the largest international research facilities (e.g., LHC at CERN, RHIC at BNL, LIGO) in particle physics, astronomy and astrophysics, as well as to a unique computing facility (200 PC's connected to form 'Poor Man's Supercomputer'), which is used extremely successfully in large-scale lattice QCD simulations. We collaborate with several additional research institutes and universities outside Hungary, and regularly have visitors from abroad doing research or giving courses here. Thus our students have many opportunities to join **international research activities** and establish professional contacts early in their career.

Career prospects:

Our graduates apply successfully for **post-doctoral positions all around the world**, and later many 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.

Job examples:

research scientist, program developer, university professor

Your application:

Application deadline: 30 May

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-physics

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 Mathematics

General information:

- @ iro@elte.hu
- f www.facebook.com/elteinternational
- y www.youtube.com/user/ELTEfilm
- s [elteinternational](https://www.elteinternational.com)

(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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