



Doctoral (PhD) Studies

2025

Electrical and Electronic Engineering

4 years

The KTU PhD in Electrical and Electronic Engineering is designed for curious and talented people who want to solve interesting, engaging and challenging problems that require new knowledge for a wide range of users. A PhD in Electrical and Electronic Engineering offers the highest level of research-based study, covering

modern electronics and engineering technologies used in a wide range of industries, including aerospace, energy and biomedicine. The aim is to provide postgraduate students with an in-depth knowledge of signal processing, imaging, monitoring and control systems and the latest technologies applied in industry.

RELEVANCE

KTU doctoral students join research teams working in an international high-tech environment to develop unique applications of knowledge or fundamental approaches. They are involved in the creation of new knowledge, allowing them not only to carry out the necessary research but also to experience the creative satisfaction of addressing the key needs of individuals, society, industry and business.

CAREER OPPORTUNITIES

Doctoral students have the opportunity to work with state-of-the-art scientific equipment, gaining valuable practical experience. The course also includes the opportunity to carry out part of the research abroad, in collaboration with research institutions in Ireland and Finland, providing international experience and a wider professional network. KTU PhD students participate in various seminars, conferences and practical scientific events, presenting their research and networking with researchers around the world.

MAIN RESEARCH AREAS

- | Signal technology
- | Automation, robotics, control engineering

- | Electronics
- | Microelectronics

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FINANCIAL BENEFITS

- | Scholarships from €1,330 per month
- | Up to €2,500 for study and research
- | Up to €2,500 to present research results at international conferences
- | Erasmus+ funded research at institutions abroad for up to 1 year
- | Up to €2,100 per year from the Research Council of Lithuania for participation in events abroad
- | Up to €900 per year as a one-off KTU scholarship for high academic achievement and scientific activity
- | Up to €6,720 per year Research Council of Lithuania scholarship for academic achievement

KEY BENEFITS

- | Possibility of double degree with the University of Bologna (Italy)
- | Opportunity to obtain a European Doctorate Certificate with your diploma
- | University-funded development of skills such as science communication, project management, research ethics and others
- | Paid project activities

ADDITIONAL BENEFITS

- | Opportunities to gain teaching experience
- | Presentation of research results in science dissemination activities
- | Paid contracts with industry

[ADMISSION REQUIREMENTS](#)

[DATES AND DEADLINES](#)

