



# Doctoral Studies



## Informatics 4 years

### Joint doctoral studies with Vytautas Magnus University and Vilnius Gediminas Technical University

Computer Science is one of the fastest-growing areas of science based on computational science and mathematical models. This PhD offers the opportunity to study Artificial Intelligence (AI), Data Analytics, Computational Intelligence, Signal and Image Processing and other innovative

research areas. It is aimed at those interested in interdisciplinary and innovative research leading to original solutions that make a significant contribution to technological progress.

#### RELEVANCE

KTU PhD students in Informatics not only develop new theoretical knowledge but also put the principles of practical learning into practice by actively participating in ongoing research. Young researchers acquire the skills to develop next-generation IoT solutions and intelligent systems with applications in industry, energy, transport and other fields. Research includes the development of intelligent, networked and self-evolving systems, solutions for digital transformation and the integration of AI technologies in different sectors.

#### CAREER OPPORTUNITIES

Doctoral students have the opportunity to work in international teams, participate in prestigious research projects and contribute to the development of innovative solutions for future technologies. Upon graduation, they will be prepared for a career in academia, the technology industry or the private sector, becoming leaders in the development of IoT solutions.

#### MAIN RESEARCH AREAS

- | Computer science, numerical analysis, systems, management
- | Computer science, systems theory
- | Artificial intelligence



**MORE ON DOCTORAL STUDIES  
IN INFORMATICS**



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## FINANCIAL BENEFITS

- | Scholarships from €1,406 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 €2,200 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 €7,104 per year Research Council of Lithuania scholarship for academic achievement

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## MAIN BENEFITS

- | 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

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## ADDITIONAL BENEFITS

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



**ADMISSION REQUIREMENTS**

