



# Doctoral Studies



## Measurement Engineering 4 years

The KTU PhD in Measurement Engineering is designed for young researchers who want to develop innovative technological solutions with high added value in the fields of space, transport, medicine, renewable and nuclear energy and other industries. These studies provide in-

depth knowledge of measurement technologies. Research in this area of science includes the importance of quality control, non-destructive testing and ensuring the safety of people and the environment.

### RELEVANCE

Measurement engineering is inextricably linked to modern technology, ensuring the accurate and reliable operation of advanced systems. Research in this field contributes to meeting the needs of industry and society, ensuring product quality, energy efficiency and human safety. The PhD programme develops new measurement methods and addresses the challenges of Industry 4.0. Measurement technologies play an important role in the increasing digitalisation of industry and the development of the next generation of smart devices.

### CAREER OPPORTUNITIES

KTU PhD students in Measurement Engineering have an exceptional opportunity to collaborate with international scientific institutions and conduct research. The PhD programme encourages participation in joint projects with high-tech companies in Lithuania and abroad, providing opportunities to develop innovative solutions and gain practical experience. Doctoral studies allow young scientists to develop areas of research that can form the basis for further careers in academia and business.

### MAIN RESEARCH AREAS

- | Equipment technology
- | Medical technology



**MORE ON DOCTORAL STUDIES  
IN MATHEMATICS**



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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

- | Possibility of a 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

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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**

