



# Doctoral Studies



## Civil Engineering 4 years

The KTU PhD Programme in Civil Engineering is designed for young researchers who wish to achieve a high level of scientific training in the field of civil engineering. The main areas of research include improving the energy efficiency of buildings, modelling building structures and developing new building materials. PhD students

have access to modern research facilities and work with advanced research equipment. The structure of the course allows theoretical training to be combined with practical learning, encouraging the search for original solutions.

### RELEVANCE

This doctoral programme focuses on contemporary issues in the construction industry, with a particular emphasis on sustainable development and innovation. Research in building construction contributes to the development of energy efficient buildings, structural safety and modern construction technologies. New construction solutions and materials are developed to improve the efficiency and sustainability of the construction industry. Collaboration with industry enables the practical application of research results and addresses real challenges in the sector.

### CAREER OPPORTUNITIES

Doctoral students acquire the skills to organise research, analyse the results and apply them in practice. Many doctoral students have the opportunity to work in the University's academic departments, combining their studies with research experience. Thanks to international cooperation, KTU doctoral students can carry out part of their research at research institutions abroad, thus broadening their professional horizons. The knowledge and experience gained pave the way for a career not only in academia but also in industry.

### MAIN RESEARCH AREAS

- | Materials technology
- | Construction



**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 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**

