



Doctoral Studies



Mechanical Engineering 4 years

Joint doctoral studies with Vytautas Magnus University

During the KTU Mechanical Engineering PhD programme, young researchers strengthen their competencies through project activities that combine theoretical knowledge and practical experience, and learn to lead interdisciplinary

team activities. Doctoral studies foster a creative spirit and technical acumen, enabling doctoral students to contribute to the development and implementation of advanced technologies.

RELEVANCE

KTU's Mechanical Engineering PhD programme is unique in its direct impact on society, developing technologies that transform everyday life and address the most pressing issues, such as sustainable production and healthcare. Students choose research topics that address global challenges such as climate change, resource efficiency and sustainability.

CAREER OPPORTUNITIES

Young researchers studying for a PhD in Mechanical Engineering at KTU have the opportunity to participate in international research projects. Doctoral studies provide the opportunity to develop research that often becomes the basis for further academic careers or innovative business solutions. Close collaboration with industrial partners ensures that the skills acquired are competitive and globally relevant.

MAIN RESEARCH AREAS

- | Production technology
- | Mechanical engineering, hydraulics, vacuum technology, vibrations and acoustic engineering
- | Metals technology, metallurgy and metal products



**MORE ON DOCTORAL STUDIES
IN MATHEMATICS**



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

MAIN BENEFITS

- | Opportunity for a double PhD with The Institute of Fluid-Flow Machinery of the Polish Academy of Sciences (Poland)
- | 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

