



Doctoral Studies



Chemical Engineering 4 years

KTU's PhD in Chemical Engineering is designed for those who wish to pursue fundamental and applied research in chemical engineering, with a particular focus on process optimisation, new technology development and innovation to address global sustainability challenges. The

studies are based on state-of-the-art scientific methodologies and involve the use of computer technology, process modelling and simulation. KTU chemical engineering PhD students work with advanced equipment and apply their knowledge in real industrial settings.

RELEVANCE

Young researchers develop clean energy technologies by analysing global innovations in hydrogen production and carbon capture. This PhD programme trains researchers to contribute to society and global problems through innovative solutions.

CAREER OPPORTUNITIES

KTU Chemical Engineering PhD students acquire the skills and knowledge to contribute to major industrial, scientific and technological developments in Lithuania and internationally. Career opportunities in both academia and industry allow for the implementation and development of innovations that impact both technological processes and environmental solutions.

MAIN RESEARCH AREAS

- | Chemical technology and engineering
- | Biochemical technology
- | Polymer technology, biopolymers
- | Food and beverage technology
- | Technology for other products
- | Biotechnology



**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

- | Possibility of double degrees with the Technical University of Košice (Slovakia) and 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

