



# Doctoral Studies



## Chemistry 4 years

The PhD in Chemistry is designed for those interested in individual research under the supervision of experienced researchers. The studies cover a wide range of chemical sciences such as analytical chemistry, bioorganic chemistry,

catalysis, materials chemistry and others. The study process is tailored to the student's previous experience and research interests, encouraging the search for original solutions.

### RELEVANCE

KTU's Doctoral Programme in Chemistry is characterised by research that focuses on solving global problems and developing sustainable industries. Particular emphasis is placed on the development of new materials, nanotechnology and research into the development of anti-cancer drugs. The studies cover theoretical and practical aspects as well as economic, environmental and safety issues. Scientific advances contribute to the development of advanced technologies and innovation in a wide range of fields.

### CAREER OPPORTUNITIES

Doctoral studies provide an opportunity for young scientists to further develop their skills and acquire the knowledge they need to work in academia or industry. Doctoral students have the opportunity to participate in international projects and work with prestigious research institutes. The experience gained during their studies enables graduates to lead research teams, create innovation and contribute to the development of the chemical industry. Graduates become highly skilled scientists capable of solving complex chemical problems.

### MAIN RESEARCH AREAS

- | Analytical chemistry
- | Inorganic chemistry
- | Macromolecular chemistry
- | Organic chemistry
- | Physical chemistry



**MORE ON DOCTORAL STUDIES  
IN CHEMISTRY**



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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 obtaining a European PhD certificate together with your diploma through the Physics and Chemistry Network for Advanced Materials (PCAM)
- | 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**

