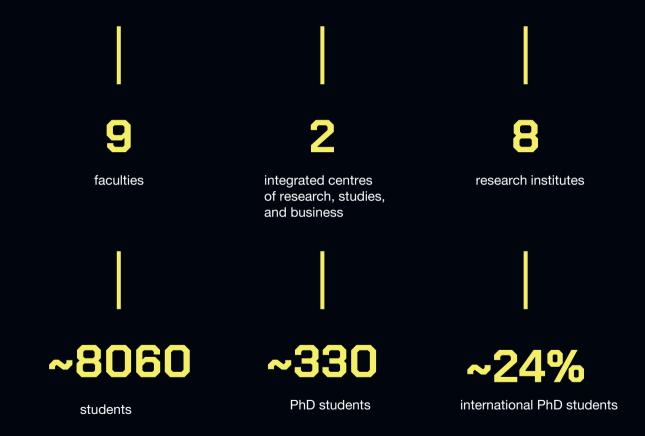


DOCT RAL SCHOOL





Priority areas of research and innovation

diagnostic and measurement technologies

smart environments and information technology

new materials for high technologies

susta

technologies for sustainable development and energy

— 5

sustainable growth and socio-cultural development

lithuania

- is the geographical centre of Europe
- boasts its scientists: they are among the world's best!
- is a creator of global-level innovations

kaunas

- is a vibrant and lively student city
- is among the most cost-effective cities in Europe
- is a creative and open space for partnerships and co-operation

ktu

- is one of research, development, and innovation (R&D&I) leaders in Lithuania
- focuses on strategic partnerships and collaborations with foreign universities
- pursues sustainable partnership of science, business, and industry

scholarships and funding

Lithuanian state scholarships:

9120

1st year of studies

— 10560

2nd-4th year of studies

additional scholarships for excellent results
grants for doctoral studies and research
grants for academic mobility

doctoral studies and research

O studies (30 ECTS Credits)

- 3-4 study modules
- 1-2 study modules abroad

O research

Presentation of research results in:

- ≥2 international scientific conferences
- ≥2 scientific publications of research results

O doctoral dissertation

preparation and defence

O duration

4 years

benefits

- Double degree possibilities
- Doctoral research in a high-profile research team
- Incentives and rewards for active PhD students
- "Start up Space" for entrepreneurs
- KTU International PhD Summer School for core competences summerschool.ktu.edu

application / 1 March – 22 June*

admission

Documents for admission:

- Online application https://apply.ktu.edu
- Officially legalised Bachelor's and Master's Diplomas or equivalent higher education degree and Diploma Supplements
- Two references by two academic referees in the science field
- List of candidate's publications and their copies
- Research proposal
- Curriculum Vitae CV
- Proof of English language proficiency
- Copy of the passport page with personal details
- Copy of an application fee payment (40 € 100 €)

motivational interviews / end of June*

studies contract / July*

start of studies / September*

*Dates vary for those who apply to Political Sciences, Sociology, Education, and Transport Engineering, or those holding foreign diplomas without recognition certificate

More info: https://admissions.ktu.edu/phd

fields of science

natural sciences

chemistry

Doctor Europeus certificate in partnership with PCAM (Physics and Chemistry of Advanced Materials Network)

Core research themes:

- Organic chemistry
- Macromolecular chemistry

informatics

Core research themes:

- Artificial intelligence
- Informatics, systems theory
- Computer science, numerical analysis, systems, control

physics

Joint degree programme with the University of Southern Denmark, Denmark;

Doctor Europeus certificate in partnership with PCAM (Physics and Chemistry of Advanced Materials Network)

Double degree programme with Al-Farabi Kazakh National University, Kazakhstan

- Condensed matter
- Semiconductor physics
- Electromagnetism, optics, acoustics

technological sciences

chemical engineering

Double degree programme with the Technical University of Košice, Slovakia

Core research themes:

- Chemical technology and engineering
- Polymer technology, biopolymers
- Food and drink technology
- Biotechnology

civil engineering

Double degree programme with the University of Bologna, Italy

Core research themes:

- Building construction
- Material technology

energetics and power engineering

Core research themes:

- Energy research
- Thermal engineering, applied thermodynamics

electrical and electronics engineering

Double degree programme with the University of Bologna, Italy

- Flectronics
- Signal processing
- Image processing

environmental engineering

Double degree programme with the University of Bologna, Italy

Core research themes:

 Environmental technology, pollution control inžinerija

informatics engineering

Double degree programme with the University of Bologna, Italy

Core research themes:

- Signal processing
- Image processing
- Systems engineering, computer technology
- Automation, robotics, control engineering

materials engineering

Doctor Europeus certificate in partnership with PCAM (Physics and Chemistry of Advanced Materials Network)

Double degree programme with the University of Bologna, Italy

Core research themes:

- Optical materials
- Coatings and surface treatment
- Textiles technology
- Polymer technology, biopolymers
- Laser technology

measurement engineering

Possibility to pursue scientific research in The Welding Institute (UK) for the period of 3 years

Double degree programme with the University of Bologna, Italy

- Instrumentation technology
- Signal processing
- Image processing
- Medical technology

technological sciences

mechanical engineering

Core research themes:

- Mechanical engineering, vibration, acoustic engineering
- Production technology
- Material technology

transport engineering

Core research themes:

- Air transport technology
- Military science and technology

humanities

history and theory of arts

- Musicology
- Architecture

social sciences

economics

Core research themes:

- Economics of development
- Financial science

education

Core research themes:

Pedagogy and didactics

management

Double degree programme with the University of Bologna, Italy

Core research themes:

- Organisational science
- Management of enterprises
- Market study

political science

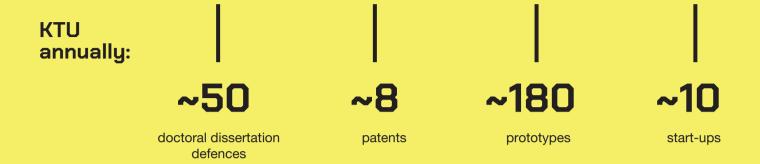
Core research themes:

 Democracy and governance

sociology

Core research themes:

 Civil society and sustainable development





DOCTORAL SCHOOL

phd@ktu.lt

admissions.ktu.edu/phd