Lithuania is known as a talented and ambitious European Union country at the crossroads between west and east Europe.

Kaunas, a lively student city, is among top 10 most cost-effective (~€ 400/month) cities in Europe.

KTU is one of research, development and innovation (R&D&I) leaders in Lithuania.

KAUNAS UNIVERSITY OF TECHNOLOGY

<table>
<thead>
<tr>
<th>Numbers since 2012:</th>
<th>PhD STUDIES</th>
</tr>
</thead>
<tbody>
<tr>
<td>8 research institutes</td>
<td>Duration: 4 years</td>
</tr>
<tr>
<td>11000 students</td>
<td>A programme consists of:</td>
</tr>
<tr>
<td>315 PhD students</td>
<td>30 ECTS</td>
</tr>
<tr>
<td>2 Integrated centres of research, studies and business</td>
<td>3–4 study modules at KTU (or partner university); 1–2 modules abroad</td>
</tr>
<tr>
<td></td>
<td>RESEARCH</td>
</tr>
<tr>
<td>70+ patents (international and Lithuanian)</td>
<td>presentation of research results at least in 2 international conferences; at least 2 publications of research results</td>
</tr>
<tr>
<td>100+ inventions and technologies</td>
<td>DOCTORAL DISSERTATION</td>
</tr>
<tr>
<td></td>
<td>preparation and defence</td>
</tr>
</tbody>
</table>

75+ startups
DOCUMENTS FOR ADMISSION:

1. Online application [https://apply.ktu.edu](https://apply.ktu.edu)

2. Officially legalised Bachelor’s and Master’s Diplomas or equivalent higher education degree, including Diploma Supplement (in original language and official translation into English)

3. Copy of the passport page with personal details

4. Curriculum Vitae

5. Two references by two academic referees in the science field

6. List of publications and their copies

7. Research proposal (if required for the programme)

8. Proof of English language proficiency (e.g. IELTS ≥6.5, TOEFL≥90, ECFR≥C1)

9. Copy of an application fee payment (non-refundable, 40 € for EU citizens, 100 € for non-EU citizens)

IMPORTANT DATES*

Application period: February–May
Motivational interviews – end of June
Start of studies – September

* For information on admission to Political Sciences, Sociology, Education, and Transport Engineering see [https://admissions.ktu.edu/phd](https://admissions.ktu.edu/phd)

OFFERS

International PhD Summer School
Incentives and rewards for active KTU PhD students
KTU PhD Students Society
“Startup Space” for entrepreneurs

SCHOLARSHIPS & FUNDING

Scholarships from ~8600 € per year
Additional scholarships for excellent results
Grants for doctoral studies and research
Grants for academic mobility
Exemptions from tuition fees
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
- Technology of other products

Civil Engineering

Core research themes:
- Building construction
- Material technology

Electrical and Electronic Engineering (double degree programme with the Miguel Hernandez University of Elche, Spain)

Core research themes:
- Electronics
- Signal processing
- Instrumentation technology
- Medical technology

Energetics and Power Engineering

Core research themes:
- Thermal engineering, applied thermodynamics
- Energy research

Environmental Engineering (double degree programme with the University of Bologna, Italy)

Core research themes:
- Environmental technology, pollution control

Informatics Engineering

Core research themes:
- Systems engineering, computer technology
- Automation, robotics, control engineering
- Imaging, image processing
- Artificial intelligence

Materials Engineering (double degree programme with partners of the Physics and Chemistry of Advanced Materials Network)

Core research themes:
- Composite materials
- Textiles technology
- Coatings and surface treatment
- Optical materials
- Laser technology
- Material technology

Measurement Engineering (opportunity for a 3-year research internship in the United Kingdom)

Core research themes:
- Instrumentation technology
- Medical technology

Mechanical Engineering

Core research themes:
- Mechanical engineering, vibration, acoustic engineering
- Production technology

Transport Engineering

Core research themes:
- Road transport technology
- Air transport technology

Double degree programmes with the Al–Farabi Kazakh National University, Kazakhstan, in Technological and Physical Sciences
Chemistry (double degree programme with the National Polytechnic Institute of Toulouse, France)

Core research themes:
- Macromolecular chemistry
- Organic chemistry
- Inorganic chemistry

Informatics

Core research themes:
- Informatics, systems theory
- Artificial intelligence
- Computer science, numerical analysis, systems, control
- Statistics, operations research, programming, insurance mathematics

Physics (joint degree programme with the University of Southern Denmark, Denmark; double degree programme with the Shizuoka University, Japan)

Core research themes:
- Condensed matter: structure, thermal and mechanical properties, crystallography, phase equilibria, electronic structure, electrical, magnetic and optical properties, superconductors, magnetic resonance, relaxation, spectroscopy

Economics

Core research themes:
- Economics of development
- Economics
- Financial science

Education

Core research themes:
- Pedagogy and didactics
- Physical training, motorial learning, sport
- Organisational science

Management

Core research themes:
- Management of enterprises
- Organisational science
- Market study

Political Sciences

Core research themes:
- Democracy and governance

Sociology

Core research themes:
- Civil society and sustainable development

History and Theory of Arts

Core research themes:
- Architecture
- Musicology

Intensive PhD courses

Duration: 5–12 days; ECTS: 6–9; Language: English

PhD Summer School

Duration: 5 days; ECTS: 2.0; Language: English;
Skills developed: transferable skills / core competences