



## About KTU

Kaunas University of Technology had its beginning on 16 February 1922, when the University of Lithuania and its technical faculties were established.

The development of Lithuanian scientific ideas continued in the first Lithuanian independent technical school of higher education (in 1950–1990 titled Kaunas Polytechnic Institute (KPI)). It was famous for the ultrasound and vibrotechnics laboratories, and scientific research of textiles.

In 1990 KTU regained its status of the university and took a path of rapid reforms of studies and research.

## Mission and vision

The University's mission is to provide the research-based studies at international level; to develop and to transfer knowledge and innovative technologies for sustainable development of the State and development of innovations; to create an open creative environment which inspires talents and leaders.

The University's vision – leading European university which activities are based on development and transfer of knowledge and technologies.



## International relations

KTU has cooperation agreements with more than 350 higher education institutions in 50 countries of the world. Memorandums of Understanding, Student and staff exchange and “Erasmus+” inter-institutional agreements allow the University to develop strategic partnerships with foreign institutions in studies and research, and for our staff and students to go for academic exchange. At the moment, most of our partners are from the European Union countries but the cooperation map is quickly expanding.



## Cost of living for students in KTU

Kaunas is also famously very affordable. Most international students say that 350-400 Euro (€) per month is enough to live off for a month (minus tuition fees).

## Why study at KTU?

Kaunas University of Technology has 149 study programmes, 61 of these are taught in English. KTU offers education in Environmental Engineering, Architecture, Biomedical Engineering, Food, Mechatronics, Materials Science, Health Telematics Science and Ultrasound Research.

KTU is at the forefront of many research breakthroughs in the fields varying from IT and biomedicine to construction.

Kaunas University of Technology is among 500 top universities in the world in Engineering and Technology - QS Rankings by Subject 2018

KTU is one of the 50 best universities in Europe and Central Asia - QS Emerging Europe and Central Asia 2019

KTU's rank in international students' category grew by 19% in the last year - QS World University Rankings

One of two Lithuanian institutions on Times Higher Education World University Rankings 2019

It really depends on how much you want to travel and go out, but nightclubs, pubs, museums and other attractions are far less expensive than the ones found elsewhere in Europe. A day menu at most restaurants will cost between €3-5, for example.

Dormitory costs at Kaunas University of Technology range from €50–140 per month, food is around €145 per month and public transport is around €5 per month. If instead you choose to rent privately, this can be around €200–600 per month.

## Faculty of Civil Engineering and Architecture

### Civil Engineering

This program is addressing the growing need for experts that know how to use necessary digital tools that enable the most complex constructions to be created quickly and economically, accurately meeting the needs of society and individuals. The program offers a broad spectrum of courses to prepare the student for the dynamic environment of the construction business by focusing on the main processes of design, construction, installation, and operation of buildings.

## Faculty of Electrical and Electronics Engineering

### Electrical Engineering

Electrical Engineering programme prepares high-qualification specialists, having the knowledge of electrical engineering, electrical mechanics, electricity engineering and understanding of the power electronics, energy converters, electrical machines, electricity networks, electricity market, able to design and use electricity, energy and electronics equipment, and solve the problems of its generation.

### Electronic and Electrical Engineering

Electronics and Electrical Engineering is unique study program that provides knowledge in two fields of engineering – electronics and electrical. The study program provides profound basis of electronics engineering that enables all necessary competencies in the field of electronics and electrical engineering. Graduates of this study programme have great opportunity to deepen their knowledge in Masters' studies of Electronics Engineering or Electrical Power Engineering.

## Faculty of Informatics

### Informatics

KTU is the leader in computer science studies, and the graduates from BSc programme of Informatics are evaluated the best by the employers in Lithuania (Reitingai, 2017). The studies focus on technologies of programming, the internet and three-dimensional graphics. Cloud computing, contemporary fixed, mobile or wireless access networks, real world information models and processes of computerised application areas, and competences for independent establishment of online IT and multimedia services enable the graduates to be up to date with the needs in the market.

## Faculty of Mechanical Engineering and Design

### Mechanical Engineering

Materials and technologies used in industry, fundamentals of machine design and product development. The competencies, abilities and skills to develop equipment, components and systems of mechanical nature applying modern CAD/CAE systems are of special importance for future career. The programme has a Twin programme option under the ECIU consortium.

Two semesters of alternatives (semesters of free choice) are included into the Programme. According personal needs and interests the students can select:

- Deepening studies in the field of mechanical engineering;
- Development of competencies in practical engineering activities through semester or two semester placement at engineering enterprises (“Extended Practice” model);
- International semester at partner European universities.

## Faculty of Chemical Technology

### Applied Chemistry

This study programme trains highly qualified and creative specialists in pharmaceuticals, cosmetics, functional substances, chemistry and technology, who are able to perform the procedures of synthesis and analysis, can work with various instrumental mechanisms, understand the chemical processes that take place during production and are able to solve the problems of production that may occur. This programme is exceptional because in addition to fundamental chemistry subjects, it includes modules of processes in biological systems and process engineering.

### Chemical Technology and Engineering

Programme prepares qualified technologists with Bachelor degree in engineering for any production company or laboratory. Graduates know how to design products and processes, manage technological systems, understand processes of chemical technology, equipment, are able to provide economic assessment of new technologies, know the threat of chemical materials to environment and people, can apply suitable protection measures in industry or at the laboratory, know methodologies of laboratory research, can use modern analytical and industrial equipment in practice.

## Admissions

According to Invest Lithuania Agency, graduates of Lithuanian universities in science, computing, maths, engineering and construction are in the 4th place in EU. If you are thinking about studying in these fields, KTU might be one of the best options for you.

## How to Apply

Once you have found a course you want to study the next step is to apply by following the IUT admission procedure for outgoing mobility. You can refer to your international department coordinator to determine the best option for your studies abroad.

