

ktu
airlines



Bachelor's and Master's

study programmes in English
2016 / 2017

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ktu.edu/admissions

apply.ktu.edu

Dear traveller,



Only a couple of check-in steps and you are in the departure lounge waiting impatiently to begin your journey. You have the travel ticket in your hands and many possible choices in front of you. But, firstly, you have to decide which direction you prefer the most.

This check-in is thrilling – it may be your first time flight to another country. Therefore, the decision is pretty challenging and requiring rather serious commitment. By making this step you are drawing the travel routes for two to six years, planning your destination, laying out your aims and looking for reliable travel partners.

Even though there is a plenty of those suggesting their help, you must decide yourself whether you are prepared to spend your entire journey in the tight seat trusting them unconditionally, hoping for a propitious wind and relying on the destiny in order to reach your destination point on time with right luggage.

If you choose Kaunas University of Technology, you will create your own destiny instead of blindly relying on it. Our University is fully prepared to give you an opportunity to rise high, move freely and watch beyond the horizons. Our priority is to make you feel as a passenger travelling on the first class who is able to skilfully project one's career to the desired future and who can independently choose the most suitable travel route.

In the very end of this journey your luggage will become way heavier than it was before. Inside you will find not only internationally recognised diploma but, also, invaluable knowledge, abilities, skills and competencies. This fully-fledged travel package will open a path for variety of further destinations.

Each and every flight we are offering you is oriented to quality-based education, perspective future, successful career and highly demanded future occupation. Choose the flight which is closest to your heart and start this meaningful journey full of new and exciting international experiences!

**Rector Petras
Baršauskas**

Flight crew:
>1.000
 qualified professors

Passengers:
>10.000
 students with
10%
 of international students

Flight directions:

2 preparatory courses: English and Architecture

16 Bachelor's degree programmes in English

28 Master's degree programmes in English

17 Doctoral (PhD) degree programmes in English

A Architecture

C Computer Science

E Economics and Business

E Engineering and Technologies

P Physical Sciences

S Social Sciences and Humanities

Additional services:

Internationally **recognised** diploma.

Individually calibrated study plan and schedule.

Bilingual students' campus and studies environment.

Free of charge **academic assistance** for those students who are facing difficulties in studies: additional consultations in the study fields of mathematics, physics, informatics and other to achieve higher study results.

Joint study programmes in partnership with foreign universities; possibility of double degree.

> 300 partner universities for academic mobility: **Erasmus+**, IAESTE, AIESEC, ISIEC, Partners for Value, etc.

> 400 students are participating in the exchange programmes or doing paid internships abroad.

Every year KTU welcomes **> 100** international experts and professors who are giving open lectures and organising creative workshops.

Development of **strategic partnership** with the best foreign universities: Aalto, MIT, Politecnico di Milano, Stanford, and others.

Possibility to learn other **foreign languages**: German, French, Japanese, Russian, Spanish, Italian, Chinese and others.

Achievement-based University's, companies', Lithuanian state and mobility **scholarships** as well as social support.

Lithuanian language course to facilitate successful integration into social life.

Meet & Greet, Welcome Week, integration seminars, national and international festivals.

Mentorship programme is created to provide students with manifold knowledge, to inspire them to be active and to assure smooth integration into the new academic, social and cultural environment.	6 different types of mentors:	
	ESN MENTOR	A member of student organisation Erasmus Student Network (ESN) KTU who assists new students to feel confident in the new environment by providing them with all the necessary information regarding daily matters (pick-up, student ID, public transport, leisure activities, etc.) and integration process (Lithuanian culture, worth-visiting places, etc.).
	PEER MENTOR	Each academic group of full-time first-year Bachelor's studies students has their own peer mentor – a senior student from the same faculty, who makes sure that students' fear, uncertainty and trepidation would not exist at the University!
	ACADEMIC ADVISER	Faculty's professor who provides detailed information about individual study plan, modules as well as schedule, advice on additional studies options at the University, and opens up wider academic opportunities. Recommended for Bachelor's students.
	CAREER MENTOR	A person who has professional experience and can provide consultations on the issues of career planning and personal development. Career mentors have degrees in diverse study programmes and career building experience in various professional activities.
	RESEARCH MENTOR	A member of the academic personnel who has experience in scientific field (scientist or researcher) and can provide consultations on the issues of scientific activity or help start working in the field of scientific research. Recommended for Master's students.
	TUTOR	A lecturer or a volunteer student who helps to deepen student's knowledge in a certain area (mathematics, informatics, physics, chemistry, etc.) and improve academic skills (preparation of papers, preparation and delivering of presentations, data analysis, etc.). Recommended for the first-year Bachelor's students.

Customer loyalty programme:

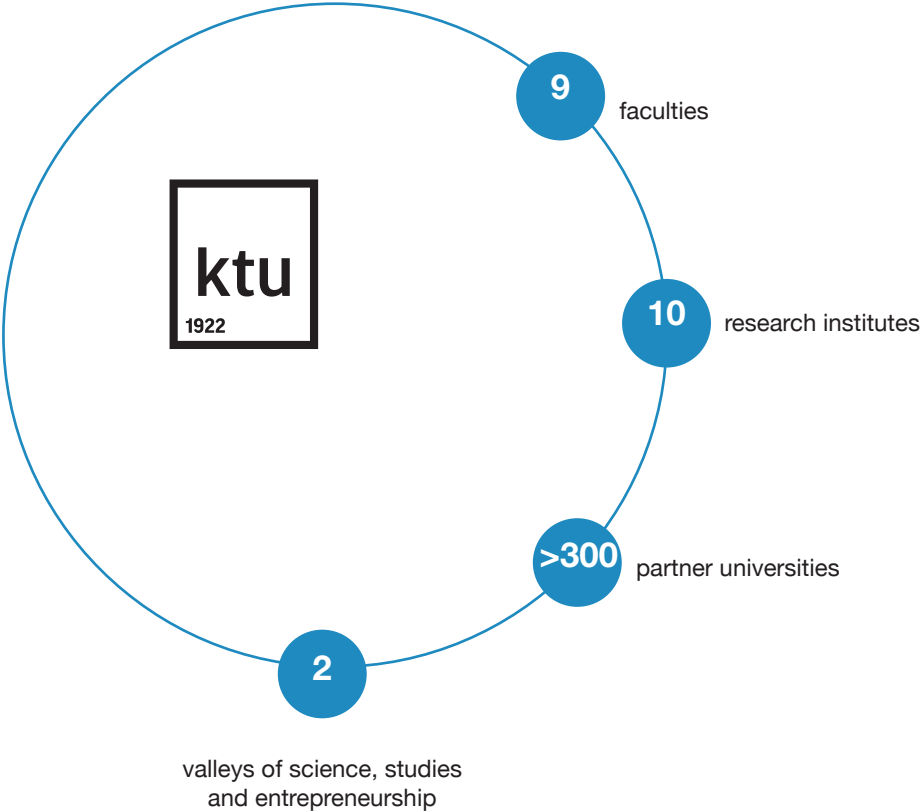
Stimulating young business: open opportunities to realise an idea in the Startup Space (since 2012 KTU students have established > 50 Startups).

Rapid start in the labour market: consultations of the Career and Development Centre; around 150 companies are participating in the yearly Career Fair.

Cooperation with business and public sector: > 500 agreements with organisations worldwide: NATO, BASF, ELSIS TS, Samsung, Hitachi, TermoFisher Scientific, Bloomberg and others.

Paid internships and traineeships in foreign companies: Erasmus+, IAESTE, AIESEC, ISIEC, Partners for Value, etc.

Continuing studies at Master's or PhD studies cycle at KTU or any other university worldwide.



- KTU Santaka Valley.** Science and business: from idea to product (€ 43 million investment)
- The largest in Lithuania Mobile Applications Laboratory.** Omitel, App Camp, Samsung Electronic Baltics SIA
- Intermedix creative hub** (€ 100,000 investment)
- KTU Startup Space:** promotion of young business
- The largest and the only one in the Baltic States **Bloomberg** Financial Markets Lab

12

dormitories in Kaunas and 1 in Panevėžys

19

Open Access Laboratories

12

Sport Centres where students can join ~30 various sports groups to stay fit or practice professionally in ~20 University's teams

6

Student art societies in the fields of music, dance, photography, etc.

> 30

Students' organisations: astronomy, debates, design, fine arts, investment, journalism, marketing, science, scouts, video, and others

11

study

+ 33

leisure time areas

1

Student Information Centre

6 Libraries with around 600 work and 40 leisure time areas

Secured access to **46 subscribed databases**: > 300,000 e-books and 80,000 e-journals

Fastest among universities worldwide
WiFi (Data source: www.rottenwifi.com, January 2016) in all the facilities of University

Virtual studying environment

Preparatory
courses

Prep. English
Prep. Architecture

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BACHELOR’S programmes in English

Architecture

Architecture
(integrated studies; Master’s degree)

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Computer
Science

Informatics

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Economics
and Business

Industrial Technology Management

10

Engineering and
Technologies

- Aviation Engineering
- Chemical Technology and Engineering
- Civil Engineering
- Electronics Engineering
- Environmental Engineering
- Materials and Nanotechnologies
- Mechanical Engineering
- Mechatronics
- Production Engineering
- Vehicle Engineering

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Humanities

New Media Language

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Physical
Sciences

Applied Physics

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Social
Sciences

Public Policy

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MASTER'S programmes in English

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Study area

INSTRUCTION TO READ THE BOARDING PASS

Check-in closes
Application
deadline

Study cycle:
B – Bachelor’s
M – Master’s

Destination:

Title of Programme
Degree awarded



Departure
Studies
commence



Flight duration
Nominal
duration

Price
Tuition fee,
€ per year



Web link to the
programme
description and
online application

Flight
information:

Terminal: Faculty

Laboratories, partner companies
and universities, accreditation, etc.

Boarding regulations:

Admission requirements (which
subjects are essential to get
admission, and what is their impact)



Flight direction:
All programmes

Check-in closes
30 June/30 July
30 November

Destination:

Intensive English language
preparatory course
A1-B4 certificate



Departure
1 Sept. 2016
1 Feb. 2017



Flight duration
1 semester (2
levels)

Price
€ 700 (12 ECTS)

Terminal: All faculties

/ **Instructor:** Centre of Foreign Languages, KTU
/ **Certificate:** A1-B4 English proficiency certificate
/ **Access:** B2 holders are eligible for BSc studies

Boarding regulations:

to be eligible for
chosen degree
programme



Flight
information:

B

Destination:

Architecture preparatory course
Course certificate

Check-in closes
30 November

Flight information:

✈

Departure

1 Feb. 2017

✈

Flight duration

1 semester

Price

€ 1000 (18 ECTS)

Terminal: Faculty of Civil Engineering and Architecture

Boarding regulations:

to be eligible for Bachelor's of Architecture degree programme

Flight information:

/ **Content:** Drawing, Architectural composition, Introduction to art and architecture history

/ **Certificate:** architecture prep. course certificate

/ **Access:** eligibility to be enrolled for integrated studies of Architecture

M

Destination:

Architecture
Master of Architecture

Check-in closes
30 June/30 July

Flight information:

✈

Departure

1 Sept. 2016

✈

Flight duration

5 years

Price

€ 2800

Terminal: Faculty of Civil Engineering and Architecture

Boarding regulations:

high school certificate
0.5 Entrance exam of drawing and composition (online)
0.3 Mathematics
0.2 English (IELTS≥5.5/TOEFL iBT≥75/CEFR≥B2)

Flight information:

/ **Study method:** studio with tutors teachers, interdisciplinary

/ **Networks:** European Association for Architectural Education (EAAE)

/ **Degree:** integrated studies



10 **Flight direction:**
Computer science

Check-in closes
30 June/30 July
30 November

B

Destination:

Informatics
Bachelor of Informatics



Departure

1 Sept. 2016
1 Feb. 2017



Flight duration

4 years

Price

€ 2800

Terminal: Faculty of Informatics

Boarding regulations:

high school certificate

0.5 Mathematics entry test (online)

0.3 Physics

0.2 English

(IELTS≥5.5/TOEFL iBT≥75/CEFR≥B2)

/ Partners: Intermedix, Samsung,
Devbridge Group, Barclays, etc.
/ Specialisations: Internet Informatics,
Multimedia Systems
/ Certificates: Cisco academy - CCNA™,
MCSA™

Flight information:



Flight direction:
Economics and business

Check-in closes
30 June/30 July
30 November

B

Destination:

Industrial Technology Management
Bachelor of Management Studies



Departure

1 Sept. 2016
1 Feb. 2017



Flight duration

4 years

Price

€ 2800

Terminal: School of Economics and Business

Boarding regulations:

high school certificate

0.4 English

(IELTS≥5.5/TOEFL iBT≥75/CEFR≥B2)

0.4 Mathematics or Informatics

0.2 Motivation (skype interview)

/ Partners: Bloomberg, Barclays,
Kitron, Sekasoft, Littelfuse
/ Databases: Bloomberg Financial
Markets Lab
/ Specialisation: manufacturing
management

Flight information:



B

Destination:

Aviation Engineering

Bachelor of Aviation Engineering

Check-in closes
 30 June/30 July



Departure

1 Sept. 2016



Flight duration

4 years

Price

€ 2800

Terminal: Faculty of Mechanical Engineering and Design

Boarding regulations:

/ **Laboratories:** Aerodynamics, Avionics and Nanosatellites, etc.
 / **Partners:** Ryanair, FL Technics, Deftools
 / **Specialisations:** Design of Aircraft, Technology of Aircrafts' Technical Maintenance

high school certificate
0.4 Mathematics
0.4 Physics
0.2 English
 (IELTS≥5.5/TOEFL iBT≥75/CEFR≥B2)



Flight information:

B

Destination:

Chemical Technology and Engineering

Bachelor of Chemical Engineering

Check-in closes
 30 June/30 July



Departure

1 Sept. 2016



Flight duration

4 years

Price

€ 2800

Terminal: Faculty of Chemical Technology

Boarding regulations:

/ **Partners:** Achema (leading producer of chemical products in the Baltics)
 / **Specialisations:** Technology of Inorganic Materials (fertilizers, binding materials, ceramics, glass and other), Technology of Organic Materials (petroleum, oil, polymers and other)

high school certificate
0.4 Mathematics
0.4 Chemistry
0.2 English
 (IELTS≥5.5/TOEFL iBT≥75/CEFR≥B2)



Flight information:

B

Destination:

Civil Engineering

Bachelor of Civil Engineering

Check-in closes
 30 June/30 July



Departure

1 Sept. 2016



Flight duration

4 years

Price

€ 2800

Terminal: Faculty of Civil Engineering and Architecture

Boarding regulations:

/ **Partners:** JCS Knauf, JCS KDS, YIT Kausta, JCS Mitnija, JCS Autokausta, Würth Lietuva
 / **Software:** BIM certified software: Revit Architecture, Revit MEP, TEKLA, Scia Engineer, DDS-CAD Navisworks

high school certificate
0.4 Mathematics
0.4 Physics
0.2 English
 (IELTS≥5.5/TOEFL iBT≥75/CEFR≥B2)



Flight information:

Check-in closes
30 June/30 July

B

Destination:

Electronics Engineering

Bachelor of Electronics Engineering



Departure

1 Sept. 2016



Flight duration

4 years

Price

€ 2800

Terminal: **Faculty of Electrical and Electronics Engineering**

Boarding regulations:

high school certificate

0.4 Mathematics

0.4 Physics

0.2 English

(IELTS≥5.5/TOEFL iBT≥75/CEFR≥B2)

/ **Partners:** Texas instruments, ST

Microelectronics, Altera, Axis Industries, Elinta

/ **Projects:** LED fishing bait prototype, high voltage radio pulse packet ultrasonic generator, innovative vehicle fleet maintenance care system

Flight information:



Check-in closes
30 June/30 July

B

Destination:

Environmental Engineering

Bachelor of Environmental Engineering



Departure

1 Sept. 2016



Flight duration

4 years

Price

€ 2800

Terminal: **Faculty of Chemical Technology**

Boarding regulations:

high school certificate

0.4 Mathematics

0.4 Physics or Chemistry

0.2 English

(IELTS≥5.5/TOEFL iBT≥75/CEFR≥B2)

/ **Guest speakers** from Lund, Tampere

Technology, Rovira i Virgili, etc. universities

/ **Training in** modern process engineering

laboratory and specialised laboratories for

air pollution control, water and wastewater

treatment, chemical and instrumental analysis

Flight information:



Check-in closes
30 June/30 July

B

Destination:

Materials and Nanotechnologies

Bachelor of Materials Technology



Departure

1 Sept. 2016

1 Feb. 2017



Flight duration

4 years

Price

€ 2800

Terminal: **Faculty of Mathematics and Natural Sciences**

Boarding regulations:

high school certificate

0.4 Mathematics

0.4 Physics or Chemistry

0.2 English

(IELTS≥5.5/TOEFL iBT≥75/CEFR≥B2)

/ **Partners:** KTU Materials Science Institute, Brother Semiconductors, Accel Electronics, Radiation Protection Centre

/ **Guest speakers** from Shizuoka, Stanford

universities, Tokyo Institute of Technology

/ **Specialisations:** biomaterials; functional materials

Flight information:



B

Destination:

Mechanical Engineering

Bachelor of Mechanical Engineering

Check-in closes
 30 June/30 July
 30 November



Departure

1 Sept. 2016



Flight duration

4 years

Price

€ 2800

Terminal: Faculty of Mechanical Engineering and Design

Boarding regulations:

high school certificate

0.4 Mathematics

0.4 Physics

0.2 English

(IELTS≥5.5/TOEFL iBT≥75/CEFR≥B2)

/ **Partners:** Hi-Steel, BCT, Enerstena, Festo, GTV, Aksonas, JSC IN RE, JSC Novameta
 / **Software:** Autodesk Inventor, Autodesk Simulation Mechanical, SolidWorks, Ansys, MTS TopCam

Flight information:



B

Destination:

Mechatronics

Bachelor of Mechatronics

Check-in closes
 30 June/30 July



Departure

1 Sept. 2016



Flight duration

4 years

Price

€ 2800

Terminal: Faculty of Mechanical Engineering and Design

Boarding regulations:

high school certificate

0.4 Mathematics

0.4 Physics

0.2 English

(IELTS≥5.5/TOEFL iBT≥75/CEFR≥B2)

/ **Partners:** Festo, Kitron, SAPA, ABB Lithuania
 Software: Autodesk Autocad, Solidworks, Matlab, ABB Robot studio
 / **Projects:** Smart lock for bicycle, Electric drive for bicycle, Electromagnetic damper (EMD)

Flight information:



B

Destination:

Production Engineering

Bachelor of Production and Manufacturing Engineering

Check-in closes
 30 June/30 July



Departure

1 Sept. 2016



Flight duration

4 years

Price

€ 2800

Terminal: Faculty of Mechanical Engineering and Design

Boarding regulations:

high school certificate

0.4 Mathematics

0.4 Physics

0.2 English

(IELTS≥5.5/TOEFL iBT≥75/CEFR≥B2)

/ **Partners:** SAPA, BCT (Baltec CNC Technologies), Stevila Ltd, Axis industries, SCIL
 / **Software:** Autodesk Inventor Professional, Solidworks, MTS TopCam, ABB Robot studio
 / **Key words:** materials, production, technology, engineering

Flight information:



Check-in closes
30 June/30 July

B

Destination:

Vehicle Engineering

Bachelor of Transport Engineering



Departure

1 Sept. 2016



Flight duration

4 years

Price

€ 2800

Terminal: Faculty of Mechanical Engineering and Design

Boarding regulations:

high school certificate

0.4 Mathematics

0.4 Physics

0.2 English

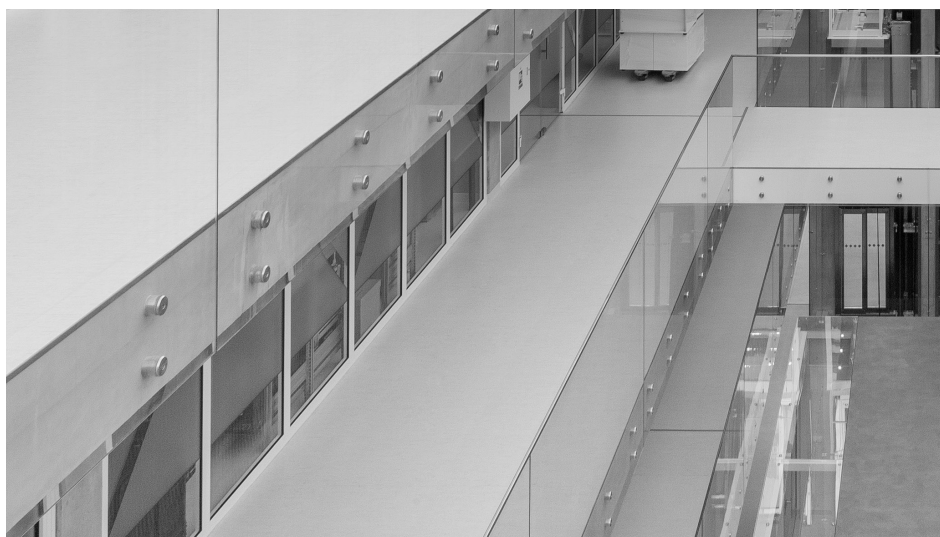
(IELTS≥5.5/TOEFL iBT≥75/CEFR≥B2)

/ **Partners:** Elinta, Schmitz Cargobull Baltic,
Lithuanian Railways, JSC Altas Comercial Transport

/ **Software:** Solidworks, Adams, VISSIM, VISUM,
MATLAB

/ **Projects:** Sustainable trafficking planner,
Experimental hybrid car

Flight
information:



Flight direction:
Humanities

Check-in closes
30 June/30 July
30 November

B

Destination:

New Media Language

Bachelor of Linguistics



Departure

1 Sept. 2016

1 Feb. 2017



Flight duration

4 years

Price

€ 2800

Terminal: Faculty of Social Sciences, Arts and Humanities

Boarding regulations:

high school certificate

0.5 English

(IELTS≥5.5/TOEFL iBT≥75/CEFR≥B2)

0.3 Mathematics or Informatics

0.2 Motivation (skype interview)

/ **Guest speakers** from Lancaster, Dundee,
Corvinus of Budapest, Linköping universities

/ **Key words:** linguistics, innovation, media,
communication

/ **Languages:** French, German, Russian,
Italian, Spanish, Swedish

Flight
information:



B

Destination:

Applied Physics

Bachelor of Physics

Check-in closes

30 June/30 July
30 November



Departure

1 Sept. 2016
1 Feb. 2017



Flight duration

4 years

Price

€ 2800

Terminal: **Faculty of Mathematics and Natural Sciences**

Boarding regulations:

high school certificate

0.4 Mathematics

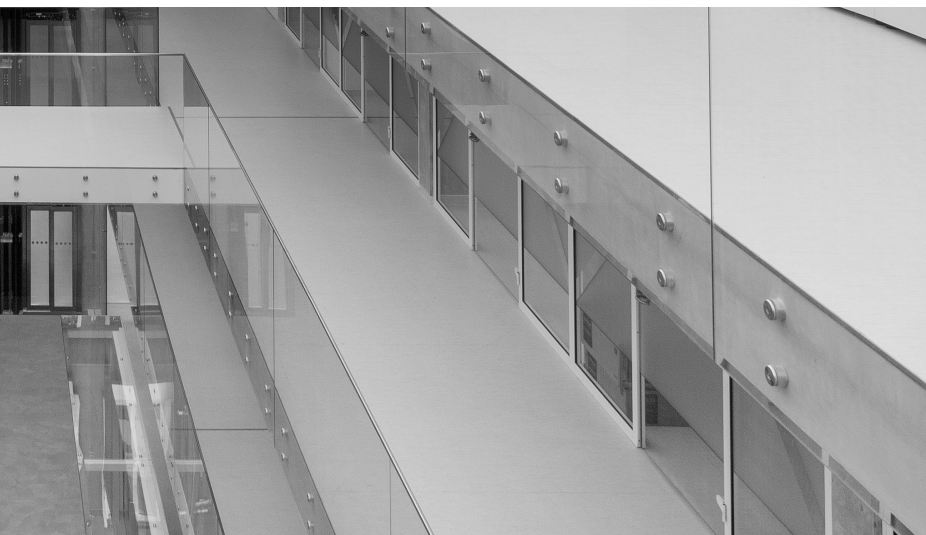
0.4 Physics

0.2 English

(IELTS≥5.5/TOEFL iBT≥75/CEFR≥B2)

/ **Partners:** Elinta, Leggato, KTU Materials Science Institute, Accel Electronics, Lithuanian Energy Institute, etc.
/ **Guest speakers** from Stanford University, Tokyo Institute of Technology, Center of Physical and Technological Sciences, Lithuania

Flight information:



Flight direction:
Social sciences

B

Destination:

Public Policy

Bachelor of Political Science

Check-in closes

30 June/30 July
30 November



Departure

1 Sept. 2016
1 Feb. 2017



Flight duration

4 years

Price

€ 2800

Terminal: **Faculty of Social Sciences, Arts and Humanities**

Boarding regulations:

high school certificate

0.5 English

(IELTS≥5.5/TOEFL iBT≥75/CEFR≥B2)

0.3 Mathematics or Informatics

0.2 Motivation (skype interview)

/ **Partners:** Kaunas city municipality, Ministry of Environment of Lithuania
/ **Networks:** European Group of Public Administration (EGPA), European Consortium for Political Research (ECPR)
/ **Databases:** Lithuanian data Archive, CESSDA

Flight information:



16 **Flight direction:**
Architecture

Check-in closes
30 June/30 July

M

Destination:

Architecture
Master of Architecture



Departure
1 Sept. 2016



Flight duration
2 years

Price
€ 4000

Terminal: Faculty of Civil Engineering and Architecture

Boarding regulations:

Bachelor in architecture

0.7 CGPA

0.2 Portfolio

0.1 Motivation (skype interview)

English: IELTS≥6.0/TOEFL iBT≥85/CEFR≥C1

/ Research method: Space Syntax, Fractal analysis, Videocology

/ Partners: JSC Architectural Bureau G.Natkevicius & Partners, JSC Dviejų grupė

/ Networks: European Association for Architectural Education (EAAE)

Flight information:



Flight direction:
Computer science

Check-in closes
30 June/30 July

M

Destination:

Informatics
Master of Informatics



Departure
1 Sept. 2016



Flight duration
2 years

Price
€ 4000

Terminal: Faculty of Informatics

Boarding regulations:

Bachelor in informatics/computer science

0.7 CGPA

0.2 Research activities, articles, if any

0.1 Motivation (skype interview)

English: IELTS≥6.0/TOEFL iBT≥85/CEFR≥C1

/ Partners: Intermedix, Samsung, Devbridge Group, Barclays, etc.)
/ Key words: clouds, project management, multimedia datamining, virtual reality, 3D modelling

Flight information:



M

Destination:

Accounting and Auditing Master of Accounting

Check-in closes
30 June/30 July



Departure
1 Sept. 2016



Flight duration
2 years

Price
€ 3500

Terminal: School of Economics and Business

Boarding regulations:

Flight
information:

/ **Accreditation by** Association of
Chartered Certified Accountants (ACCA)
/ **Certificates:** F5, F7, F8 exams by ACCA
/ **Partners:** Bloomberg Financial Markets
Lab, Barclays

Bachelor in finance
0.7 CGPA
0.2 Research activities, articles, if any
0.1 Motivation (skype interview)
English: IELTS≥6.0/TOEFL iBT≥85/CEFR≥C1



M

Destination:

International Business Master of International Business Studies

Check-in closes
30 June/30 July



Departure
1 Sept. 2016



Flight duration
2 years

Price
€ 3500

Terminal: School of Economics and Business

Boarding regulations:

Flight
information:

/ **Key speakers** from Universiti Teknologi
Malaysia, Aalto universities, ESSEC Business
School, etc.
/ **Databases:** Bloomberg Financial Markets Lab
/ **Projects:** X-Culture – virtual multicultural
learning

Bachelor in economics,
management or business administration
0.7 CGPA
0.2 Research activities, articles, if any
0.1 Motivation (skype interview)
English: IELTS≥6.0/TOEFL iBT≥85/CEFR≥C1



M

Destination:

Marketing Management Master of Marketing

Check-in closes
30 June/30 July



Departure
1 Sept. 2016



Flight duration
2 years

Price
€ 3500

Terminal: School of Economics and Business

Boarding regulations:

Flight
information:

/ **Keywords:** marketing strategy, digital
marketing, entrepreneurship, cross-cultural
consumers' behavior
/ **Databases:** Bloomberg Financial Markets
Lab
/ **Games:** the strategic marketing simulation

Bachelor in economics,
management or business administration
0.7 CGPA
0.2 Research activities, articles, if any
0.1 Motivation (skype interview)
English: IELTS≥6.0/TOEFL iBT≥85/CEFR≥C1



18 **Flight direction:**
**Economics
and business**

Check-in closes
30 June/30 July

M

Destination:

Technology Management

Master of Management Studies



Departure

1 Sept. 2016
1 Feb. 2017



Flight duration

2 years

Price

€ 3500

Terminal: **School of Economics and Business**

Boarding regulations:

Bachelor in engineering, technology,
physical or biomedical science

0.7 CGPA

0.2 Research activities, articles, if any

0.1 Motivation (skype interview)

English: IELTS≥6.0/TOEFL iBT≥85/CEFR≥C1

/ **Key words:** innovations,
management, technologies, industry
/ **Databases:** Bloomberg Financial
Markets Lab

Flight
information:



Flight direction:
**Engineering
and technologies**

Check-in closes
30 June/30 July
30 November

M

Destination:

Aeronautical Engineering

Master of Aeronautical Engineering



Departure

1 Sept. 2016



Flight duration

2 years

Price

€ 4000

Terminal: **Faculty of Mechanical Engineering and Design**

Boarding regulations:

Bachelor in aviation/aeronautics/electronics
0.7 CGPA

0.2 Research activities, articles, if any

0.1 Motivation (skype interview)

English:

IELTS≥6.0/TOEFL iBT≥85/CEFR≥C1

/ **Partners:** Kaunas Aircraft Maintenance
Services (RYANAIR), FL Technics, Deftools
/ **Training in** Nanosatellites and avionics, Radio
connection, Optical connection, Electrodynamics,
Aerodynamics, Rocket technique, Ultrasound
measurements, etc. laboratories

Flight
information:



M

Destination:

Biomedical Engineering

Master of Biomedical Engineering

Check-in closes
30 June/30 July



Departure

1 Sept. 2016



Flight duration

2 years

Price

€ 4000

Terminal: Faculty of Electrical and Electronics Engineering

Boarding regulations:

Flight information:

/ **Partners:** Lund, Lithuanian Health Sciences, Vilnius universities, Health Telematics Science Institute

/ **Key words:** biophysics, biomedical electronics, biomedical signal and image, equipment

/ **Projects:** robotic arm for disabled people

Bachelor in biomedical/biophysics/electronics/informatics engineering

0.7 CGPA

0.2 Research activities, articles, if any

0.1 Motivation (skype interview)

English: IELTS≥6.0/TOEFL iBT≥85/CEFR≥C1



M

Destination:

Chemical Engineering

Master of Chemical Engineering

Check-in closes
30 June/30 July



Departure

1 Sept. 2016



Flight duration

2 years

Price

€ 4000

Terminal: Faculty of Chemical Technology

Boarding regulations:

Flight information:

/ **Facilities:** Elettronica Veneta, Bruker AXS, Netzsch, Cilas, Parr instruments

/ **Partners:** Achema, Lifosa, Akmenės cementas, ORLEN Lietuva

/ **Software:** Hysis Aspen

Bachelor in chemical engineering

0.7 CGPA

0.2 Research activities, articles, if any

0.1 Motivation (skype interview)

English: IELTS≥6.0/TOEFL iBT≥85/CEFR≥C1



M

Destination:

Civil Engineering

Master of Civil Engineering

Check-in closes
30 June/30 July



Departure

1 Sept. 2016



Flight duration

2 years

Price

€ 4000

Terminal: Faculty of Civil Engineering and Architecture

Boarding regulations:

Flight information:

/ **Research fields:** Self compacting concrete, Dynamics of building structures, Safety of construction process etc.

/ **Software:** BIM certified software: Revit, TEKLA, Scia Engineer, RIB iTWo, Navisworks etc.

Bachelor in civil engineering

0.7 CGPA

0.2 Research activities, articles, if any

0.1 Motivation (skype interview)

English: IELTS≥6.0/TOEFL iBT≥85/CEFR≥C1



Check-in closes
30 June/30 July

M

Destination:

Control Technologies

Master of Control Systems



Departure

1 Sept. 2016



Flight duration

2 years

Price

€ 4000

Terminal: Faculty of Electrical and Electronics Engineering

Boarding regulations:

/ **Training in** Schneider Electric PLC, Siemens, Festo, Phoenix Contact, Allen Bradley, Wonderware laboratories

/ **Key words:** control systems modelling, technology management, digital processing, smart control systems, engineering design

Bachelor in control systems, electrical and electronics engineering

0.7 CGPA

0.2 Research activities, articles, if any

0.1 Motivation (skype interview)

English: IELTS≥6.0/TOEFL iBT≥85/CEFR≥C1

Flight information:



Check-in closes
30 June/30 July

M

Destination:

Electrical Power Engineering

Master of Electrical Power



Departure

1 Sept. 2016



Flight duration

2 years

Price

€ 4000

Terminal: Faculty of Electrical and Electronics Engineering

Boarding regulations:

/ **Partners:** national companies from electrical power industry – Litgrid, Lietuvos energija, LESTO

/ **Research in** the field of sustainable environment of ergonomic systems, micro-networks and intelligent electrical power systems, energy transducers and the efficiency of control

Bachelor in electrical and electronics engineering

0.7 CGPA

0.2 Research activities, articles, if any

0.1 Motivation (skype interview)

English: IELTS≥6.0/TOEFL iBT≥85/CEFR≥C1

Flight information:



Check-in closes
30 June/30 July

M

Destination:

Electronics Engineering

Master of Electronics Engineering



Departure

1 Sept. 2016



Flight duration

2 years

Price

€ 4000

Terminal: Faculty of Electrical and Electronics Engineering

Boarding regulations:

/ **Key words:** electronic systems, digital image processing, electronics design solutions

/ **Partners:** Kitron, Accel Elektronika, Axis Industries, Terra, Robert Bosch

/ **Projects:** interactive electronic systems and digital intellect

Bachelor in electrical and electronics engineering

0.7 CGPA

0.2 Research activities, articles, if any

0.1 Motivation (skype interview)

English: IELTS≥6.0/TOEFL iBT≥85/CEFR≥C1

Flight information:



M

Destination:

Environmental Engineering

Master of Environmental Engineering

Check-in closes
 30 June/30 July



Departure

1 Sept. 2016



Flight duration

2 years

Price

€ 4000

Terminal: **Faculty of Chemical Technology**

Boarding regulations:

Flight information:

/ **Partners:** European Centre of Excellence for Sustainable Water Technology (WETSUS), Jurby Water Tech, Regional Waste Management Centers
 / **Research:** application of advanced plasma, nano- and biotechnologies in environmental engineering

Bachelor in chemical engineering
0.7 CGPA
0.2 Research activities, articles, if any
0.1 Motivation (skype interview)
English: IELTS≥6.0/TOEFL iBT≥85/CEFR≥C1



M

Destination:

Environmental Management and Cleaner Production

Master of Environmental Engineering

Check-in closes
 30 June/30 July
 30 November



Departure

1 Sept. 2016
 1 Feb. 2017



Flight duration

2 years

Price

€ 4000

Terminal: **Institute of Environmental Engineering**

Boarding regulations:

Flight information:

/ **Awards:** Energy Globe 2012
 / **Guest speakers** from University of Applied Sciences Northwestern Switzerland, Saint Petersburg State University, JSC Panoden
 / **Key words:** interdisciplinary studies

Bachelor in engineering or physical sciences
0.7 CGPA
0.2 Research activities, articles, if any
0.1 Motivation (skype interview)
English: IELTS≥6.0/TOEFL iBT≥85/CEFR≥C1



M

Destination:

Food Science and Safety

Master of Food and Beverage Technology

Check-in closes
 30 June/30 July



Departure

1 Sept. 2016



Flight duration

2 years

Price

€ 4000

Terminal: **Faculty of Chemical Technology**

Boarding regulations:

Flight information:

/ **Guest speakers** from Chung Shan Medical, North Dakota, Graz universities
 / **Research:** natural antioxidants & antimicrobials, food rheology, food texture, biorefining of food waste

Bachelor in chemical engineering with food/nutrition specialisation
0.7 CGPA
0.2 Research activities, articles, if any
0.1 Motivation (skype interview)
English: IELTS≥6.0/TOEFL iBT≥85/CEFR≥C1



Flight direction: Engineering and technologies

Check-in closes
30 June/30 July
30 November

M

Destination:

Industrial Engineering and Management Master of Industrial Engineering



Departure

1 Sept. 2016
1 Feb. 2017



Flight duration

2 years

Price

€ 4000

Terminal: Faculty of Mechanical Engineering and Design

Boarding regulations:

Bachelor in engineering
0.7 CGPA

0.2 Research activities, articles, if any

0.1 Motivation (skype interview)

English: IELTS≥6.0/TOEFL iBT≥85/CEFR≥C1

/ **Partners:** SAPA, BCT (Baltec CNC Technologies), SCIL

/ **Software:** Autodesk Solidworks, Autodesk Inventor Professional, ABB robot studio, SPSS Statistics

/ **Key words:** production, technology, engineering, management

Flight
information:



Check-in closes
30 June/30 July

M

Destination:

Materials Science Master of Materials Technology



Departure

1 Sept. 2016



Flight duration

2 years

Price

€ 4000

Terminal: Faculty of Mathematics and Natural Sciences

Boarding regulations:

Bachelor in engineering, physical/biomedical sciences
(molecular biology, biophysics, biochemistry)

0.7 CGPA

0.2 Research activities, articles, if any

0.1 Motivation (skype interview)

English: IELTS≥6.0/TOEFL iBT≥85/CEFR≥C1

/ **Guest speakers** from Shizuoka, Stanford universities, Tokyo Institute of Technology

/ **Key words:** functional materials and technologies, surface engineering, micro- and nano- materials and structures, analysis methods of materials

Flight
information:



Check-in closes
30 June/30 July

M

Destination:

Mechanical Engineering Master of Mechanical Engineering



Departure

1 Sept. 2016



Flight duration

2 years

Price

€ 4000

Terminal: Faculty of Mechanical Engineering and Design

Boarding regulations:

Bachelor in mechanical engineering
0.7 CGPA

0.2 Research activities, articles, if any

0.1 Motivation (skype interview)

English:

IELTS≥6.0/TOEFL iBT≥85/CEFR≥C1

/ **Partners:** Festo, JSC IN RE, JSC Novameta

/ **Software:** SolidWorks, Autodesk Inventor Professional, Ls-Dyna, ANSYS, MSC Adams, Dytran, Nastran, Patran, Comsol Multiphysics

/ **Key words:** systems, analysis, engineering, vibrations, tribology, robotics, development, deployment

Flight
information:



M

Destination:

Mechatronics

Master of Mechatronics

Check-in closes
30 June/30 July



Departure

1 Sept. 2016



Flight duration

2 years

Price

€ 4000

Terminal: Faculty of Mechanical Engineering and Design

Boarding regulations:

/ **Partners:** Festo, Kitron, SAPA, Seagate Technology LLC, ABB Lithuania, Shadow Robot Company
/ **Software:** SolidWorks, Autodesk Inventor, ANSYS, ABB Robot Studio
/ **Key words:** smart materials, mechatronic systems, simulation, FEM

Bachelor in mechanical/electronics engineering or mechatronics
0.7 CGPA

0.2 Research activities, articles, if any
0.1 Motivation (skype interview)

English: IELTS≥6.0/TOEFL iBT≥85/CEFR≥C1



Flight information:

M

Destination:

Smart Telecommunications Technology

Master of Telecommunications Engineering

Check-in closes
30 June/30 July



Departure

1 Sept. 2016



Flight duration

2 years

Price

€ 4000

Terminal: Faculty of Electrical and Electronics Engineering

Boarding regulations:

/ **Partners:** Teo LT, Omnitel, Bitè, TELE2, Ericsson, Nokia
/ **Key words:** smart devices, networks and applications, cyber security, complex communication networks
/ **Certificates:** academy of cyber security "Cyberoam"

Bachelor in electronics/informatics engineering
0.7 CGPA

0.2 Research activities, articles, if any
0.1 Motivation (skype interview)

English: IELTS≥6.0/TOEFL iBT≥85/CEFR≥C1



Flight information:

M

Destination:

Vehicle Engineering

Master of Transport Engineering

Check-in closes
30 June/30 July



Departure

1 Sept. 2016



Flight duration

2 years

Price

€ 4000

Terminal: Faculty of Mechanical Engineering and Design

Boarding regulations:

/ **Partners:** Elinta, Schmitz Cargobull Baltic, Lithuanian Railways,
/ **Software:** CATIA, LS-Dyna, MSC Adams, VISSIM, VISUM, Autodesk inventor professional
/ **Training in** research laboratories of Aerodynamics, Transport and mechatronic systems

Bachelor in transport/vehicle engineering
0.7 CGPA

0.2 Research activities, articles, if any
0.1 Motivation (skype interview)

English: IELTS≥6.0/TOEFL iBT≥85/CEFR≥C1



Flight information:

Flight direction: Physical sciences

Check-in closes
30 June/30 July
30 November

M

Destination:

Applied Physics Master of Physics



Departure

1 Sept. 2016
1 Feb. 2017



Flight duration

2 years

Price

€ 4000

Terminal: Faculty of Mathematics and Natural Sciences

Boarding regulations:

Bachelor in physics
0.7 CGPA

0.2 Research activities, articles, if any

0.1 Motivation (skype interview)

English: IELTS≥6.0/TOEFL iBT≥85/CEFR≥C1

/ Guest speakers from KTH, Stanford University, Tokyo Institute of Technology
/ Research in thin films, surface physics and phenomena, modelling of physical processes, analysis methods of materials, micro- and nano- technologies

Flight information:



Check-in closes
30 June/30 July
30 November

M

Destination:

Medical Physics Master of Medical Physics



Departure

1 Sept. 2016
1 Feb. 2017



Flight duration

2 years

Price

€ 4000

Terminal: Faculty of Mathematics and Natural Sciences

Boarding regulations:

Bachelor in physics, biomedicine
0.7 CGPA

0.2 Research activities, articles, if any

0.1 Motivation (skype interview)

English: IELTS≥6.0/TOEFL iBT≥85/CEFR≥C1

/ In cooperation with Lithuanian University of Health Sciences
/ Harmonisation with EC directive 2013/59/EURATOM
/ Key words: radiology, radiotherapy, nuclear medicine, radiation protection

Flight information:



Check-in closes
30 June/30 July

M

Destination:

Medicinal Chemistry Master of Medicinal Chemistry



Departure

1 Sept. 2016



Flight duration

2 years

Price

€ 4000

Terminal: Faculty of Chemical Technology

Boarding regulations:

Bachelor in chemistry/biomedicine
0.7 CGPA

0.2 Research activities, articles, if any

0.1 Motivation (skype interview)

English: IELTS≥6.0/TOEFL iBT≥85/CEFR≥C1

/ Joint degree with Lithuanian University of Health Sciences
/ Key words: pharmaceuticals, chemistry, biology, pharmacy

Flight information:



M

Destination:

Educational Technologies

Master of Education

Check-in closes
 30 June/30 July
 30 November



Departure

1 Sept. 2016
 1 Feb. 2017



Flight duration

2 years

Price

€ 4000

Terminal: Faculty of Social Sciences, Arts and Humanities

Boarding regulations:

Bachelor in education
0.7 CGPA

0.2 Research activities, articles, if any
0.1 Motivation (skype interview)

English: IELTS≥6.0/TOEFL iBT≥85/CEFR≥C1



Flight information:

/ **Guest speakers** from Oulu University of Applied Sciences, University of Haifa
 / **Key words:** education technologies, lifelong learning, management, education projects management, innovation

M

Destination:

European Union International Relations

Master of Political Science

Check-in closes
 30 June/30 July
 30 November



Departure

1 Sept. 2016
 1 Feb. 2017



Flight duration

1.5 years

Price

€ 3500

Terminal: Faculty of Social Sciences, Arts and Humanities

Boarding regulations:

Bachelor's degree
0.7 CGPA

0.2 Research activities, articles, if any
0.1 Motivation (skype interview)

English: IELTS≥6.0/TOEFL iBT≥85/CEFR≥C1



Flight information:

/ **Guest speakers** from European University Institute, University of Birmingham, Eastern Europe Studies Centre
 / **Partners:** European Commission representation office in Lithuania, Ministry of Foreign Affairs of Lithuania
 / **Key words:** diplomacy, international relations, EU

M

Destination:

Public Policy

Master of Public Policy and Administration

Check-in closes
 30 June/30 July
 30 November



Departure

1 Sept. 2016
 1 Feb. 2017



Flight duration

1.5 years

Price

€ 3500

Terminal: Faculty of Social Sciences, Arts and Humanities

Boarding regulations:

Bachelor's degree
0.7 CGPA

0.2 Research activities, articles, if any
0.1 Motivation (skype interview)

English: IELTS≥6.0/TOEFL iBT≥85/CEFR≥C1



Flight information:

/ **Partners:** Kaunas city municipality, Ministry of Environment, Parliament of Lithuania, Civil Service Department of Lithuania
 / **Networks:** European Group of Public Administration (EGPA), European Consortium for Political Research (ECPR)
 / **Databases:** Lithuanian data Archive, CESSDA

Boarding regulations

Travel documents and requirements for BACHELOR's study programmes:

- high school certificate (legalised by Ministry of Foreign Affairs, translated into English and notary verified)
 - maximum 3 years after high school graduation is eligible
 - minimum average grade (CGPA) > 60 % in each entry subject
 - proficiency in English: IELTS ≥5.5, TOEFL ≥75, CEFR ≥B2, or equivalent
 - 2 passport type photos
 - notary verified copy of passport
 - application fee 100 EUR
- For transfer students additionally:** original academic transcript of ongoing education at university and the description of taken courses.

Travel documents and requirements for MASTER's study programmes:

- university Bachelor (a minimum of a 3 year) degree certificate and its supplement (legalised by Ministry of Foreign Affairs, translated into English and notary verified)
- minimum average grade (CGPA) > 60 %
- specific subject requirements
- research activities, articles are not required but gives higher entry score
- motivation letter
- proficiency in English: IELTS ≥6.0, TOEFL ≥85, CEFR ≥C1, or equivalent
- 2 passport type photos
- notary verified copy of passport
- application fee 100 EUR





CHECK-IN DEADLINES

Autumn semester flights:

- ☐ **30th of June**
- ☐ **30th of July**, if there is a Lithuanian embassy in your country of residence, or no visa is required to enter Lithuania

Spring semester flights:

- ☐ **30th of November**

*If an applicant receives education documents after the application deadline, provisional certificates are accepted and final education documents can be submitted later.



apply **NOW** on apply.ktu.edu

Purchase on board

Discounts/ scholarships

University may award scholarships for applicants with outstanding qualifications and for good academic results throughout studies. Lithuanian government may grant country specific scholarships (Azerbaijan, Belarus, China, Georgia, Kazakhstan, Ukraine, etc.) that may cover tuition fee and/or living expenses. KTU also acknowledges possible grants from your home institutions and/or other relevant foundations/organisations.

ktu.edu/admissions

Accommodation

KTU offers dormitory accommodation where a student can have a single or a shared room, may use kitchen, laundry, internet and other facilities. Monthly rent rates vary from the room type from € 50 to €140. Visiting family members and friends can be accommodated at the KTU partner hotels in Kaunas.

dormitory.ktu.edu

Visas

Those who need visas to enter Lithuania must apply for national visa at the nearest Lithuanian embassy ~3-4 weeks prior to the arrival (interview). KTU Department of International Relations provides information and intermediating documents for visa and temporary residence permit (after arrival) procedures.

migracija.lt

Estimated cost of living / per month / per person

€ 100	dormitory (€ 50-140)
€ 5	public transport
€ 145	food
€ 30	hygiene goods
€ 75	entertainment
€ 60	other
€ 415	total

The cost of living is very much depending on individual habits and lifestyle. Students have to pay for books and other academically related materials, if not provided by the library or teacher, also for accommodation. However, Lithuania is not an expensive country to live in.



CONTACTS international@ktu.lt