



RIGA TECHNICAL  
UNIVERSITY



# FACTS & FIGURES

2016-2017

THINK GLOBAL  
BE GLOBAL

rtu.lv

# LATVIA



**November 18, 1918** Proclamation of the Republic of Latvia

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**May 4, 1990** Restoration of independence

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Head of State President, elected by the Parliament **every 4 years**

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Population **~2 million** inhabitants

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Land total **64 589 km<sup>2</sup>**

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**Borders with** Estonia, Russia, Belarus and Lithuania

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Baltic Sea coastline **498 km**

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**Weather** – average winter -6 C, average summer +19 C

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2004 Latvia joined the **European Union** and **NATO**

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2014 Latvia became a member of the **Eurozone**

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2016 Latvia became a full member of the **Organisation for Economic Co-operation and Development**

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**Riga** – the capital of Latvia, founded in 1201, population **696 600**

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The Historical Centre of Riga is listed by **UNESCO** as one of the world's most important cultural and architectural sites

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**Riga International Airport** is one of the fastest-growing travel hubs in Europe; it provides direct flights to more than **80 destinations**

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Latvia has **6 universities** and several higher education institutions with more than **85 000 students**

# RIGA TECHNICAL UNIVERSITY

Riga Technical University (RTU) is a modern, internationally recognised and prestigious university, the only multi-disciplinary technical university in Latvia.

**RTU** has been actively developing to become the third generation university, which not only provides high quality education, but also ensures excellence in research and valorisation, in that implementing scientific discoveries in practice.

At nine faculties of RTU, it is possible to obtain comprehensive education in engineering and advanced technologies, as well as in social sciences and humanities. Study programmes provided by RTU have been highly evaluated by international experts and have been officially accredited, thus the quality of education ensured by RTU has been recognised. It has also been acknowledged by the Latvian employers, who recommend RTU as the first priority university for the students in Latvia.

RTU has also been persistently developing its infrastructure. The first university campus in Latvia is being under construction in Ķīpsala. On completion, it will become the most advanced engineering study centre in the Baltic Region that will house

RTU faculties, a modern laboratory building, the Scientific Library and administrative buildings.

1862–1896

Riga Polytechnicum

1896–1919

Riga Polytechnical Institute

1919–1958

Technical Faculties within

The Higher School of Latvia / 1919–1922  
The University of Latvia / 1922–1945  
Latvian State University / 1945–1958

1958–1990

Riga Polytechnical Institute

Since 1990

Riga Technical University

# STUDIES

## RTU HAS THE LARGEST NUMBER OF STUDENTS IN LATVIA!

At present there are around 15 000 students\* at 9 faculties:

Faculty of Architecture and Urban Planning

Faculty of Civil Engineering

Faculty of Computer Science and Information Technology

Faculty of Electronics and Telecommunications

Faculty of Power and Electrical Engineering

Faculty of E-Learning Technologies and Humanities

Faculty of Engineering Economics and Management

Faculty of Mechanical Engineering, Transport and Aeronautics

Faculty of Materials Science and Applied Chemistry

\*62% are students funded by the state and RTU, 38% are students paying tuition fees.

■ RTU has **4** affiliations, it comprises Riga Business School, BALTECH – a consortium of seven engineering universities from the Baltic Sea Region, as well as Engineering High School.

■ RTU offers **134** academic and professional study programmes on full-time and part-time basis at three levels:

- undergraduate 56
- postgraduate 58
- doctoral studies 20

## PERMANENT ACADEMIC STAFF

Professors	149
Associate professors	104
Docents	207
Lecturers, assistants	114
<b>TOTAL</b>	<b>574</b>

## RESEARCH STAFF

Leading researchers and researchers	478
Research assistants	134
<b>TOTAL</b>	<b>612</b>

# INTERNATIONAL COOPERATION

RTU is highly active in international affairs. The university is open to cooperation with foreign partners and has signed institutional cooperation agreements with universities worldwide.

■ Currently RTU offers more than **45** study programs in English, and each year the range of programs is expanded. At present, the number of international students has reached 11 % of the total number of students.

■ **2000** students from **75** countries (including 680 exchange students) study at RTU.

■ Internationalisation is one of the key elements for a modern university to be successful. At RTU, it has become a tradition to organize international weeks and thematic summer schools, uniting students, academic and administrative staff from universities all over the world.



■ RTU manages Erasmus Mundus and Erasmus+ programs with countries inside and outside Europe and also works on project proposals for various European Commission (EC) grant programs. In cooperation with other universities and organizations from all across the world, RTU regularly submits proposals for Horizon 2020, Interreg Europe, Erasmus+ Key Action 1 and Key Action 2, as well as other EC research and innovation programs, thus, generating various possibilities for RTU students and staff.



Erasmus+

MOBILITY 2015/2016

	Partner universities	Incoming students	Outgoing students	Incoming staff	Outgoing staff
Program countries	265	230	219	53	65
Partner countries	51	45	3	7	5



**SCIENTIFIC  
LIBRARY**

**THE  
HEART  
OF RTU!**

■ The RTU Scientific Library is the academic library of special state significance within the State United Library Information System with the largest collection of traditional and e-resources on engineering and architecture in Latvia. The library offers subscription and open access databases with 47,000 e-journals and 148,000 e-books, which are available

at the library premises and for the registered users remotely – online. The library is a pioneer in the implementation of «Radio Frequency IDentification» technologies in the libraries of Latvia. This system with the self-check kiosks provides faster and more convenient usage of the library and the possibility to return books outside the library working hours.

# RESEARCH

## RESEARCH PLATFORMS

Energy and Environment
Cities and Development
Information and Communication
Transport, Mechanics, Design and Manufacturing
Materials, Processes and Technologies
Safety and Security

## RTU PUBLICATIONS AND CITATIONS IN SCOPUS

1.192 publications	775 citations
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## PATENTS

Maintained by the Republic of Latvia	Granted by the Republic of Latvia
241	31

## DOCTORAL STUDIES

■ RTU offers 21 doctoral study programmes in engineering, natural sciences, architecture and social sciences.

563 Doctoral students	54 Defended Doctoral theses
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## RESEARCH CAPACITY

21 laboratories	35 institutes
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■ Annually RTU researchers participate in the development of more than 300 projects, take part in more than 1.000 international scientific conferences, develop and publish more than 1.000 scientific articles.

## RESEARCH FUNDING

### RTU raised:

- 3.6 million EUR within international R&D projects and contracts
- 5.8 million EUR within the state budget-funded R&D projects
- 1.7 million EUR within R&D contracts

### RTU implemented:

- 66 transnational cooperation research projects funded by «ERA-NET», «EU 7th Framework Programme» and «Horizon 2020»
- 29 EU Structural Fund projects including State Research Centre, Competence Centre and Cluster Programme funded projects
- 55 national state funded research projects
- 39 internal research projects
- 4 bilateral projects
- 8 international cross-border research projects



# SOCIAL ACTIVITIES

## STUDENT PARLIAMENT

The Student Parliament (SP) is a unit formed by more than 300 most active students of RTU, willing to improve students' everyday life and represent their academic interests, as well as provide them with extra-curricular activities, creating an inclusive environment and a sense of belonging to the university.

There is also an International Students Council that takes care of international students' specific needs in Latvia and brightens their lives by organizing international evenings, sports tournaments between countries and talent evenings. The slogan of RTU SP is «Students that care about students», and every RTU student is welcome to join!

## STUDENT DORMITORIES

RTU offers the best student dormitories in Riga with a broad price range starting from 50 to 180 EUR per month. Total capacity of 8 dormitories – 2500 tenants.

## CULTURE CENTRE

### **RTU resounds in the world!**

The centre takes care of creating and sustaining traditions. Any RTU student or staff member can join one of 12 artistic collectives and express themselves through vocal, dance

and theatre art. The oldest and the largest collectives, such as male choir «Gaudeamus» and folk dance group «Vektors», promote RTU worldwide performing in different European countries, USA, China, etc.

## SPORTS

### **RTU – the best sports university in Latvia!**

Sports activities are compulsory for all first-year students. Students have the opportunity to attend classes in one of the 10 different kinds of sports. Students who have professional skills in sports are welcome to join RTU's football, floorball, basketball, volleyball, cheerleading or track and field athletics teams.

RTU owns an Olympic swimming pool and a sports and recreation centre «Ronīši» located at the seaside.

## ALUMNI ASSOCIATION

### **Over 120 000 graduates!**

- offers lifelong learning and networking opportunities for RTU graduates
- increases awareness of RTU and its activities
- contributes to RTU advancement by fostering professional and social relationships among RTU alumni and by encouraging collaboration between the alumni and RTU.