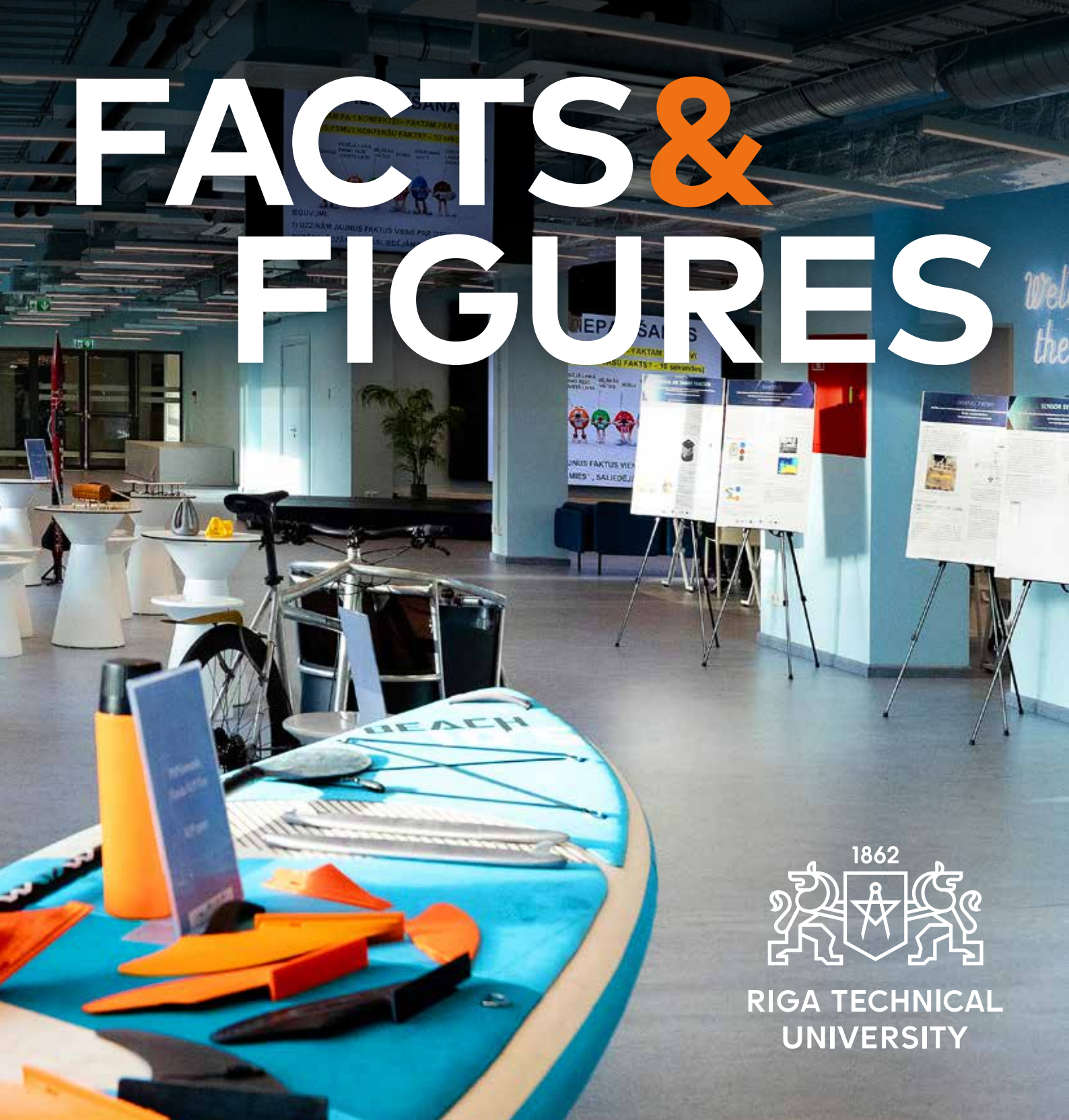


# FACTS & FIGURES



RIGA TECHNICAL  
UNIVERSITY

# RIGA TECHNICAL UNIVERSITY

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

## Rector's Welcome

The «Facts and Figures» publication is the business card of Riga Technical University, as it provides an illustration of our achievements, primary activity directions, and outlines our future goals.

The core of the university is research – the creation of new knowledge and its transfer. We teach future engineers and high-tech specialists not to work according to a specific algorithm, but to think more broadly and use the knowledge gained at RTU to find unique solutions to future problems. Creativity, innovative thinking, and entrepreneurial skills guarantee our graduates not only a good salary, but also an interesting job, future growth opportunities and the confidence to work internationally as a contributing member of the global community.

RTU is dynamically growing and becoming more diverse. The addition of maritime education to the university's broad offerings of engineering and related social and humanitarian science is just one reflection of this expansion of interdisciplinary and global opportunities.

We have everything we need – young, ambitious talents ready to take risks, scientists engaged in creativity, and modern infrastructure to help companies create innovative technologies and competitive products with high added value. Through mutual cooperation with industry and the integration with various fields of science, we implement interdisciplinary projects and offer new ideas and solutions that contribute to the development of science and economy.



The impact of RTU's excellence in scholarship, research, and engagement reaches far beyond our campus, helping to improve lives around the globe and the future of each and every individual.

That is why we are a democratic, open, and inclusive institution, that is committed to providing growing and diverse study offerings for foreign students and are constantly expanding our circle of international partners.

We are dedicated to continuing to be a vibrant source of knowledge, innovation, and service to the world.

RTU Rector  
Academician Dr. sc. ing.  
**Talis Juhna**







## RTU Ķīpsala Campus on Ķīpsala Island

Ķīpsala is an average sized island – around 2.7 km long and 500 m wide – situated on the left bank of Daugava river downstream in the middle of Riga

# STUDIES

## RTU has one of the largest number of students in Latvia

There are **13 039** students (female **4162**, male **8877**) within different academic and professional study programmes from which **61** are taught in English.

RTU offers **144** academic and professional study programmes on full-time and part-time basis at three levels:

- undergraduate **62**
- postgraduate **61**
- doctoral studies **21**



## Permanent Academic Staff

Professors	120
Associate professors	122
Docents	207
Lecturers, assistants	160
<b>TOTAL</b>	<b>609</b>

## Research Staff

Leading researchers	297
Researchers	252
Research assistants	219
<b>TOTAL</b>	<b>768</b>

## Studies at RTU are implemented by:



- **Faculty of Civil and Mechanical Engineering** – prepares engineering specialists in construction, transportation, machine science and critical infrastructure.
- **Faculty of Natural Sciences and Technology** – can acquire knowledge in chemistry and chemical technology, materials engineering in environmental and water engineering and biotechnology.
- **Faculty of Computer Science, Information Technology and Energy** – combines engineering fields related to high technology, including not only computer science but also electronics and telecommunications, energy and electrical engineering, and digital humanities.
- **Faculty of Engineering Economics and Management** – provides higher education at all levels in various fields of economics and entrepreneurship – business management and economics, human resources management, civil construction management, real estate management, urban and regional economics, customs and tax administration, international business relations, occupational safety, quality management, marketing, logistics, finance, etc.
- **Institute of Architecture and Design** – educates and trains specialists in architecture and design. Possible fields of specialization – spatial planning, restoration of historical monuments, interior design and landscape architecture.
- **Latvian Maritime Academy of Riga Technical University** – builds professional, high-level and increasingly competitive maritime engineering workforce.
- **Riga Business School** – offers Bachelor and Masters studies in English. MBA programs are envisaged for experienced specialists and managers willing to obtain an internationally recognized degree of Master of Business Administration. Bachelor program offers students the opportunity to obtain a double degree diploma from RTU and either BI Norwegian Business School or the University of Buffalo.





Riga Technical University is the oldest higher technical educational establishment in the Baltic States, the direct predecessor of which – Riga Polytechnicum – started operating on 14 October 1862







RTU is ranked in the following international ratings: Times Higher Education, Eduniversal, QS Stars University Ratings, QS University Rankings – EECA, UI GreenMetric Ranking and other

# RESEARCH

## Research platforms

Energy and Environment
Cities and Development
Information and Communication
Transport
Materials, Processes and Technologies
Security and Defence

## Doctoral studies

RTU offers **17** doctoral study programmes in engineering, natural sciences, architecture and social sciences.

**445**  
Doctoral students

## Patents

Maintained Latvian Patents	Latvian Patent Applications	Granted Latvian Patents
<b>91</b>	<b>22</b>	<b>19</b>

## Research capacity

<b>31</b> Laboratories	<b>38</b> Institutes	<b>15</b> Research centres
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Annually RTU researchers participate in the development of more than **300** projects, take part in more than **120** international scientific conferences, develop and publish more than **1016** scientific articles.

## RTU Publications and Citations in SCOPUS and WoS

### SCOPUS 2022–2023

<b>1565</b> Publications	<b>3395</b> Citations
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### WoS 2022–2023

<b>1040</b> Publications	<b>2092</b> Citations
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## Research Funding

### RTU raised:

- **17.1** million EUR within international R&D projects and contracts
- **4.5** million EUR State budget-funded research
- **1.3** million EUR within R&D contracts

### RTU implemented:

- **51** national state funded research projects
- **26** Horizon 2020 and Horizon Europa, ERA-net
- **110** Europa Space Agency, EZ international research projects, and others
- **28** European Regional Development Fund (ERDF) projects







The Design Factory has «theLAB» – an open-type workshop where RTU students, employees and scientists have an opportunity to materialise their inventions by using the technological capabilities of 3D printing, laser cutting and engraving, plotting, large-format printing and other auxiliary tools





# INTERNATIONAL COOPERATION

**Internationalisation is one of the key elements for a modern university to be successful. 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.**

RTU, in conjunction with eight other universities from different European countries, developing its proposal for the creation of a uniform European University of Technology with the support of the European Commission, aiming to foster international competitiveness, promote mobility of students and staff among the alliance's partners and align the content of engineering education at the European Union level – **univ-tech.eu**

RTU manages Erasmus+ programme with countries inside and outside Europe and also works on project proposals for various grant programmes, thus, generating various possibilities for RTU students and staff.

At RTU, it has become a tradition to organize international scientific conferences, international weeks and thematic summer schools uniting students, academic and administrative staff from universities all over the world.

RTU welcomes international students for a semester (from September to January and/or February to June) or full time studies. International students can choose from a wide range of courses taught in English within **61** study programmes.

**5298** international students from **101** countries. Biggest number of incoming students are from India, France, Uzbekistan, Sri Lanka, Turkey.

**786** incoming students within bilateral agreements.

## Mobility 2022–2023

Partner universities	Incoming students	Outgoing students	Incoming staff	Outgoing staff
556	308	299	52	420

## Welcome to Latvia!

- November 18, 1918 Proclamation of the Republic of Latvia
- May 4, 1990 Restoration of independence of Latvia
- Head of State President, elected by the Parliament every 4 years
- Population 1.83 million inhabitants
- Land total 64 589 km<sup>2</sup>
- Baltic Sea coastline 498 km
- Weather – average winter -1.5 C, average summer +17.3 C
- 2004 Latvia joined the European Union and NATO
- 2014 Latvia became a member of the Eurozone

- 2016 Latvia became a full member of the Organisation for Economic Co-operation and Development
- Riga – the capital of Latvia, founded in 1201, population 625 000
- The Historical Centre of Riga is listed by UNESCO as one of the world's most important cultural and architectural sites
- Riga International Airport is one of the fastest-growing travel hubs in Europe, it provides direct flights to more than 100 destinations
- Latvia has 6 universities and several higher education institutions with more than 75 000 students





The Design Factory implements the «RTU Student Innovation Grants» project where students of all levels are offered to engage in different activities and develop their entrepreneurial capacity, collaborate with industry, develop early science-intensive business ideas, receive scholarships and support grants





# 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.

There is also International Students Council, and its purpose is to create a stronger bond between Latvian and international students assembled from both – full degree and exchange students.

## Student Dormitories

RTU offers the best student dormitories in Riga with a broad price range starting from 190 EUR per month. Total capacity of 7 dormitories – 1920 tenants.

## RTU Scientific Library

The Scientific Library of RTU has a large collection of traditional sources on engineering and architecture – approximately 1.5 million items. There is a spacious reading hall with library stock in open access, overnight reading room, reading and resource room for the academic staff, reading room for students with kids, silent reading room, individual booths and team rooms, cozy kitchenette for visitors, as well as a transformable conference hall.



## Culture Centre

### RTU resounds in the world!

The centre's main objective is sustaining our diverse cultural heritage. Any RTU student, faculty or staff member can join one of 12 artistic groups and express oneself through vocal, instrumental music, dance and theatre art. The oldest and the largest groups – male choir «Gaudeamus» and folk dance group «Vektors», promote RTU worldwide performing throughout Europe, USA, Canada, China and Australia.



## Sports

In 2017 RTU has introduced an innovative sports system enabling every student to participate in trainings in more than 20 kinds of sports at convenient times before or after lectures. Students who have professional skills in sports are welcome to join RTU sports teams, especially in basketball, volleyball, floorball, cheerleading sports and field athletics teams.

RTU has an Olympic swimming pool on Kipsala Student Campus and a sports and recreation centre «Roniši» located at the seaside.

## Alumni Association

### Over 120 000 graduates!

- Lifelong learning and networking opportunities
- Digital platform «RTUconnect.net» for alumni mentoring and communication
- RTU advancement by fostering professional and social relationships among RTU alumni and by encouraging collaboration between the alumni and RTU.



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Times Higher Education  
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