



RIGA TECHNICAL
UNIVERSITY



EUROPEAN
UNIVERSITY OF
TECHNOLOGY

"Think human first"

FACTS & FIGURES

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

By issuing the "Facts & Figures" we would like to emphasize all these achievements obtained by RTU not only from the quality tertiary education standpoint but also from the ensured

excellence in research, innovation and valorisation point of view. These are crucial elements to make us transform from a classic academic university into a third generation university.

In other words – university should not just react to changes in the society; it should be the driving force for change! By adhering this principle we have managed to create a strong bond and interaction with industry at both – local and global scale.

We are greatly respected by Employers' Confederation of Latvia, which unites leading enterprises in the industry, and foreign organisations

and companies – CERN, Daimler AG, ESA and other, who employ RTU Doctoral students, research staff and alumni.

Internationalisation has become one of the corner stones that has changed higher education landscape. Due to joint effort of our academic and administrative staff we have managed to provide a wide range of study programmes implemented in English and to establish mutually beneficial relationships with partners from all over the world. As a result, in the last three years the number of international students at RTU has tripled amounting to 11% from the total number of students.

RTU Rector
Academician Dr. habil. sc. ing.
Leonids Ribickis



STUDIES

RTU HAS ONE OF THE LARGEST NUMBER OF STUDENTS IN LATVIA

- There are **14 006** students (female 4532, male 9474) at 9 faculties within different academic and professional study programmes from which 61 are taught in English.
- 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 58
 - postgraduate 57
 - doctoral studies 19

PERMANENT ACADEMIC STAFF

Professors	131
Associate professors	122
Docents	154
Lecturers, assistants	146
TOTAL	553

RESEARCH STAFF

Leading researchers	287
Researchers	301
Research assistants	213
TOTAL	801

STUDY PROGRAMMES IN ENGLISH

Faculty of Architecture	
Only exchange studies	
Faculty of Civil Engineering	
Civil Engineering	B M D
Innovative Road and Bridge Engineering	M
Faculty of Computer Science & Information Technology	
Computer Systems	B M D
Business Informatics	M
Logistics and Supply Chain Management	M
Automation and Computer Engineering	D
Cybersecurity Engineering	M
Information Technology	D
Faculty of Electronics & Telecommunications	
Telecommunications	B M D
Smart Electronic Systems	B M
Electronics and Mobile Communication	B
Electronics	D
Faculty of Engineering Economics & Management	
Entrepreneurship and Management	B M
Economics	B M
Organization and Management of International Economic Relations	B M
Business Finance	M
Civil Construction and Real Estate Management	M
Industrial Engineering and Management	M
Innovations and Entrepreneurship	MBA
Faculty of Material Science & Applied Chemistry	
Chemical Technology	B D
Clothing and Textile Technology	B
Materials Science	B
Design Engineering	M
Chemistry	D
Chemistry and Chemical Technology	M
Material Science and Nanotechnologies	M
Faculty of Electrical and Environmental Engineering	
Electrical Engineering (Adaptronics)	B M
Environmental Engineering	B M D
Power and Electrical Engineering	D
Computerized Control of Electrical Technologies	M
Faculty of Mechanical Engineering, Transport & Aeronautics	
Engineering Technology, Mechanics and Mechanical Engineering	B M D
Aviation Transport	B M
Medical Engineering and Physics	B M
Production Engineering	M D
Railway Transport	M
Railway Electrical Systems	M
Transport	D
Faculty of E-Learning Technologies & Humanities	
Technical Translation	B M
Digital Humanities	M
E-Learning Technologies	M
E-Learning Technologies and Management	D

B – Bachelor | M – Master | D – Doctoral
MBA – The Master of Business Administration

RESEARCH

RESEARCH PLATFORMS

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

DOCTORAL STUDIES

■ RTU offers 19 doctoral study programmes in engineering, natural sciences, architecture and social sciences.

500
Doctoral students

PATENTS

Maintained Latvian Patents	Latvian Patent Applications	Granted Latvian Patents
93	19	13



RESEARCH CAPACITY

21
laboratories

35
institutes

■ Annually RTU researchers participate in the development of more than 300 projects, take part in more than 1000 international scientific conferences, develop and publish more than 1500 scientific articles.

RTU PUBLICATIONS AND CITATIONS IN SCOPUS AND WOS

SCOPUS 2019–2020

1671
publications

5135
citations

WoS 2019–2020

1354
publications

2248
citations

RESEARCH FUNDING

RTU raised:

- 26.06 million EUR within international R&D projects and contracts
- 10,69 million EUR State budget-funded research
- 760 000 EUR within R&D contracts
- 39 million EUR for a development of research infrastructure

RTU implemented:

- 50 Horizon2020, ERA-net, Europa Space Agency international research projects
- 74 Post-doctoral research grants

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 seven 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 – international.rtu.lv

■ **3525** international students from **89** countries. Biggest number of exchange students are from France, Germany, Kazakhstan, Russia, Denmark. Biggest number of incoming students are from India, Uzbekistan, Sri Lanka, Turkey, Aizerbaijan.

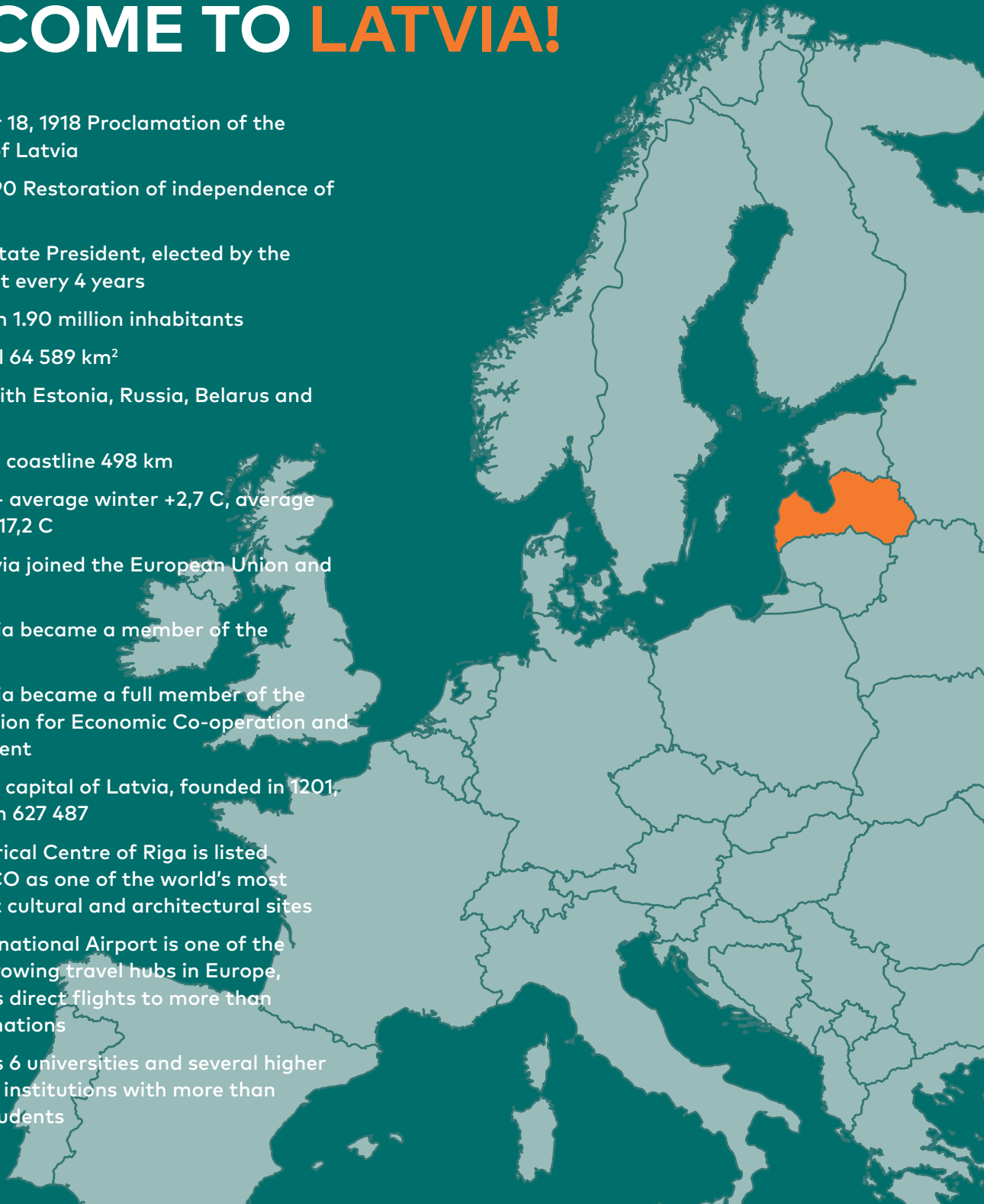


MOBILITY 2019/2020

	Partner universities	Incoming students	Outgoing students	Incoming staff	Outgoing staff
Programm countries	350	326	321	83	111
Partner countries	119	93	2	27	18

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 1.90 million inhabitants
- Land total 64 589 km²
- Borders with Estonia, Russia, Belarus and Lithuania
- Baltic Sea coastline 498 km
- Weather – average winter +2,7 C, average summer +17,2 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 627 487
- 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 79 000 students



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 77 EUR per month. Total capacity of 6 dormitories – 2010 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 «Ronīši» 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.

rtu.lv
international.rtu.lv
apply.rtu.lv
incomingexchange.rtu.lv

