Area – 65 000 km²
Population – 2 million
Capital – Riga
Language – Latvian
RTU was established in 1862

Oldest technical university in the Baltic states
RTU VALUES

ACADEMIC FREEDOM

QUALITY

STABILITY

RELIABILITY

LONG TERM DEVELOPMENT

COLLABORATION
RTU STRATEGY 2014 – 2020

MISSION
To ensure internationally competitive high quality scientific research, tertiary education, technology transfer and innovation for Latvian national economy and the society

VISION
Riga Technical University – a modern and prestigious university, internationally recognised as the leading university of science and innovations in the Baltic States – a cornerstone of the development of Latvia
NOTABLE ALUMNIS

- **Wilhelm Ostwald** - Nobel prize winner in chemistry

- **Paul Walden** - world-wide known chemist / Walden inversion

- **Friedrich Zander** – rocketry and spaceflight pioneer

- **Andris Berzins** – former President of the Republic of Latvia

- **Valdis Dombrovskis** - EC Commissioner – executive vice-president
FACTS & FIGURES

15,000 STUDENTS

18% FOREIGN STUDENTS

600 PhD STUDENTS

11 STUDY BRANCHES

48 STUDY PROGRAMS COMPLETELY TAUGHT IN ENGLISH

1120 ACADEMIC STAFF AND RESEARCHERS

MORE THAN 160,000 ALUMNI

4 STUDY CENTRES: CESIS, LIEPAJA, VENTSPILS, DAUGAVPILS

RTU ENGINEERING HIGH SCHOOL
FACULTIES (schools)

- COMPUTER SCIENCE & INFORMATION TECHNOLOGY
- ELECTRONICS & TELECOMMUNICATIONS
- ELECTRICAL & ENVIRONMENTAL ENGINEERING
- MATERIAL SCIENCE & APPLIED CHEMISTRY
- MECHANICAL ENGINEERING, TRANSPORT & AERONAUTICS
- CIVIL ENGINEERING
- ARCHITECTURE
- ENGINEERING ECONOMICS & MANAGEMENT
- E-LEARNING TECHNOLOGIES & HUMANITIES
Located in a green environment in the heart of Riga
STUDY PROCESS

DOCTORAL STUDIES
4 YEARS

MASTER STUDIES
1-2 YEARS

BACHELOR STUDIES
3-5 YEARS
NUMBER OF STUDENTS

<table>
<thead>
<tr>
<th>Year</th>
<th>Number of Students</th>
</tr>
</thead>
<tbody>
<tr>
<td>2015</td>
<td>14,608</td>
</tr>
<tr>
<td>2016</td>
<td>14,983</td>
</tr>
<tr>
<td>2017</td>
<td>14,672</td>
</tr>
<tr>
<td>2018</td>
<td>14,322</td>
</tr>
<tr>
<td>2019</td>
<td>14,383</td>
</tr>
<tr>
<td>2020</td>
<td>14,200</td>
</tr>
</tbody>
</table>
NUMBER OF FOREIGN STUDENTS

- 2014: 874
- 2015: 1211
- 2016: 2056
- 2017: 2353
- 2018: 2763
- 2019: 3518
- 2020: 2809
RECOGNITIONS

SUSTAINABILITY INDEX 2020
PLATINUM CATEGORY
RECOGNITIONS

«QS World University Ranking»

2021 RTU takes place 701. – 750.
RECOGNITIONS

«QS World University Rankings by Subject» 2020

RTU has been recognized as one of the 500 best universities in engineering and technologies.
RECOGNITIONS

«QS Emerging Europe and Central Asia (ECCA)» 2020

RTU takes the 54th place
European Ranking of Engineering Programs 2019 «EngiRank»

Results:

• Innovation – 16th place;
• Research effectivity – 7th place;
• RTU civil engineering programmes – 6th place!
# RESEARCH PLATFORMS

## ENERGY & ENVIRONMENT
- Renewable and Alternative Sources of Energy and Technologies for their Conversion, Energy Saving and Efficiency, Environmental Technologies and Quality Management

## CITIES & DEVELOPMENT
- Interaction of Multifactor in Landscape Development, Real Estate Process Prognoses

## INFORMATION & COMMUNICATION
- Modeling and Simulation, Distributed Artificial Intelligence, Viable Systems Approach, Hybrid Simulation-Based Optimization Tools, Smart Networks, Capacity Automatics, Communications in Optical Grids, Smart Lighting Grids

## TRANSPORT

## MATERIALS, PROCESSES

## SECURITY & DEFENSE
- Electrical Controls, Power Quality & Delivery Safety, Water Safety, Human Safety, Cyberphysical Systems, Customs & Border Protection
RESEARCH PROJECTS

- HORIZON 2020
- EU 7TH FRAMEWORK PROJECTS
- EUROPEAN SPACE AGENCY PROJECTS
- EU STRUCTURAL FUND PROJECTS
- NATIONAL STATE FUNDED RESEARCH PROJECTS
- INTERNAL RESEARCH PROJECTS
RTU DESIGN FACTORY

«A place where students and scientists can simply DO!»
NETWORKS

CESAER
Conference of European Schools for Advanced Engineering Education and Research

EUA
European University Association

SEFI
European Society for Engineering Education
Europäische Gesellschaft für Ingenieur-Ausbildung
Société Européenne pour la Formation des Ingénieurs

UIIN
University Industry Innovation Network

WCO
World Customs Organization
More than 50 different international and local associations in faculties
RTU STUDENTS PARLIAMENT

RTU SP – OLDEST STUDENT SELF-GOVERNMENT IN LATVIA
STUDENT ACTIVITIES
RTU offers on campus accommodation in a fully equipped modern dormitory building

Right across the campus, students have access to a large shopping mall, and the dormitory is within a walking distance from most of RTU faculties.
SPORT ACTIVITIES

RTU - most athletic university in Latvia!

• 20 sport lesson types
• RTU owns Olympic swimming pool and recreation centre «Ronisi» located by the sea
• Professional teams in floorball, football, basketball, volleyball
CULTURAL ACTIVITIES

- Folk dance ensemble «VEKTORS»
- Mixed choir «VIVERE»
- Male choir «GAUDEAMUS»
- Female choir «DELTA»
- Brass band «SPO»
- RTU Big band
- String ensemble «GAIVA»
- Vocal ensemble «JAUNA NIANSE»
- Student theatre «KAMERTONIS», «SPĒLE»
- Post folk group «DABA SAN»
THANK YOU FOR YOUR ATTENTION!

www.rtu.lv