ONE OF THE TOP 2,1% UNIVERSITIES IN THE WORLD

39th in QS Emerging Europe & Central Asia Rankings 2019
10,200 Students
15% with international experience

11.5% International Students
from over 80 countries

960 Academic Staff Members
11:1 student / academic staff ratio

80,000 Alumni

Around 500 Business Partners

480 Partner Universities
in 67 countries globally

Established in 1956
10 FACULTIES:
- ANTANAS GUSTAITIS’ AVIATION INSTITUTE
- ARCHITECTURE
- BUSINESS MANAGEMENT
- CIVIL ENGINEERING
- CREATIVE INDUSTRIES
- ELECTRONICS
- ENVIRONMENTAL ENGINEERING
- FUNDAMENTAL SCIENCES (ICT & Computer Sciences)
- MECHANICS
- TRANSPORT ENGINEERING

3 RESEARCH CENTRES
13 RESEARCH INSTITUTES
22 RESEARCH LABORATORIES
OVER 100 STUDY PROGRAMMES (60% engineering sciences)

> 30 TAUGHT IN ENGLISH:

• Bachelor’s (undergraduate) 240 ECTS
• Integrated (undergraduate) 300 ECTS – Master’s degree awarded
• Master’s (graduate) 90 ECTS
• Master’s (graduate) 120 ECTS

PhD STUDIES IN 11 FIELDS OF SCIENCE:

• Technological Sciences (7), Social Sciences (2),
• Physical Sciences (1), Humanities (1)
VGTU STUDENTS BY STUDY LEVEL

- Undergraduate (Bachelor’s) students: 79%
- Gradute (Master's) students: 21%
VGTU STUDY PROGRAMMES
BY STUDY FIELDS

Technological Sciences: 70%
Social Sciences: 17%
Physical Sciences: 10%
Arts: 3%

BACHELOR’S (UNDERGRADUATE) DEGREE PROGRAMMES IN ENGLISH (240 ECTS):

- Automotive Engineering
- Building Energetics (DDP with South-Eastern Finland University of Applied Sciences)
- Business Management
- Civil Engineering
- Computer Engineering
- Creative Industries
- Digital Manufacturing
- Economics Engineering (DDP with Kyungpook National University)
- Information Systems Engineering
- Information Technologies
- Financial Engineering
- Mechanical Engineering
- Mechatronics and Robotics
INTEGRATED (UNDERGRADUATE) DEGREE PROGRAMMES IN ENGLISH (300 ECTS) – Master’s degree awarded:

- Aircraft Piloting
- Air Traffic Control
- Architecture

PROGRAMME SEMESTERS IN ENGLISH (60 ECTS):

- Entertainment Industries
MASTER’S (GRADUATE) DEGREE PROGRAMMES IN ENGLISH (120 ECTS):

- Automotive Engineering
- Aviation Mechanics Engineering
- Biomedical Engineering
- Computer Engineering
- Electrical Energetics Systems Engineering
- Electronics Engineering
- Environmental Protection Technology and Management (DDP* with Riga Technical University)
- Industrial Engineering and Innovation Management
- Information and Information Technologies Security
- Mechatronics (JDP** with Braunschweig Technical University)
- Mechanical Engineering
- Mechatronic Systems
- Structural Engineering
MASTER’S (GRADUATE) DEGREE PROGRAMMES IN ENGLISH (90 ECTS):

- Business Management
- Economics Engineering
- Financial Engineering
- Innovative Road and Bridge Engineering (JDP with Riga Technical University)
- Innovative Solutions in Geomatics (JDP with Riga Technical University)
- Transport Engineering
PhD STUDIES IN 11 FIELDS OF SCIENCE:

**Technological Sciences:**
- Electrical and Electronic Engineering
- Civil Engineering
- Transport Engineering
- Environmental Engineering
- Informatics Engineering
- Materials Engineering
- Mechanical Engineering

**Social Sciences:**
- Management
- Economics

**Physical Sciences:**
- Informatics

**Humanities:**
- History and Theory of Arts
VGTU INTERNATIONAL STUDENTS
(from 84 countries in 2017-2018)
DEGREE-SEEKING STUDENTS 2017-2018

Belarus [PERCENTAGE]

Egypt [PERCENTAGE]

Georgia [PERCENTAGE]

India [PERCENTAGE]

Kazakhstan [PERCENTAGE]

Ukraine [PERCENTAGE]

Turkey [PERCENTAGE]

Other [PERCENTAGE]
- European Higher Education Area
- High quality degree studies and internationally recognised diplomas
- Study programmes in English language
- Exchange and placement programmes in partner institutions
- **Accommodation** guaranteed for all first year international students in universities’ dormitory on campus
- Scholarship programmes
- Students have an opportunity to work part- time
- Relatively low living costs
- Friendly, liberal and safe study and living environment

WHY VGTU?
- Braunschweig Technical University (Germany)
- University of Palermo (Italy)
- Kyungpook National University (Korea)
- Riga Technical University (Latvia)
- South-Eastern Finland University of Applied Sciences
- Belarusian State Technological University
- Windesheim University of Applied Sciences (the Netherlands)
- Dnipro University of Technology (DniproTech) (Ukraine)
- Zhytomyr State Technological University (ZSTU) (Ukraine)

PARTNERS IN JDP/DDP
- **Building Energetics (BSc)**
- **Economics Engineering (BSc)**
- **Environment Protection Technologies and Management (MSc)**
- **Industrial Engineering and Innovation Management (MSc)**
- **Innovative Road and Bridge Engineering (MSc)**
- **Transport Engineering Economics and Management (BSc)**
- **Innovative Solutions in Geomatics (MSc)**
- **Mechatronics (MSc)**

areas of partnership
7 RESEARCH PRIORITIES:

- Sustainable building
- Environmental and energy technologies
- Sustainable transport
- Mechatronics
- Information and communication technologies
- Economics engineering, management and communication
- Fundamental research of materials and processes
RESEARCH CENTRES:

- Civil Engineering Research Centre (Integrated research, education and business center at for development of Civil Engineering sector)
- Competence Centre of Intermodal Transport and Logistics (Developing projects and solutions for the integration of different transport modes into a single competitive transport and logistics chain)
- Technology Centre for Building Information and Digital Modelling (Promoting the growth of BIM, encouraging development and transfer of competences and innovations to the business)
VGTU CREATIVITY AND INNOVATION CENTRE “LINKMENŲ FABRIKAS” - collaborative makerspace for students, researchers & business companies.

1100 square meter venue accommodating 45 areas of:
- wood, metal, electronics, 3D printing, and painting workshops
- media labs for production of advertising
- photography, video and audio recording studios
- VR lab
CREATIVITY AND INNOVATION CENTRE „LINKMENŲ FABRIKAS”

CIVIL ENGINEERING RESEARCH CENTRE (VIDEO)
- Over **30 research projects** per year: Horizon2020, INTERREG Batic Sea Region, ESF, Marie Curie, Research Council of Lithuania, other

- Near **10 study projects** per year: Erasmus+ Capacity Building/ Strategic Partnership/ Knowledge Alliance, Nordplus, ESF, other

- Over **30 scientific conferences** and seminars every year:
  
  (e.g. Environmental Protection, Civil Engineering, Creative Industries, Transportation Science and Technology)
- VGTU publishes **15** research journals, **9** of them are listed on the Clarivate Analytics Web of Science databases
- **27%** of articles are published in journals indexed in Clarivate Analytics Web of Science
- **19%** of VGTU researchers works have h-index 10 or higher
Co-operation with businesses from SMEs to MNC:

- Clients for R&D services at VGTU research centres and labs
- Partners in international (e.g. H2020, Baltic Sea Region) R&D& innovation programmes projects
- Patents, licenses
- Clients for training courses, industrial PhD programmes (BIM, Aviation, Digital post-production, IT etc.)
- Training and qualification development programmes for companies
- Internships, work placements
- Lectures; Topics for the students’ final thesis
- Excursions to the companies
- Investors for development of students' technical creativity
- Support (Mentors for the developers of technological ideas and investors for the development of their businesses)