



VILNIUS GEDIMINAS
TECHNICAL UNIVERSITY

Vilnius Gediminas Technical University VILNIUS TECH



VILNIUS TECH
was established in

1956

No. of students

8 400

No. of alumni

85 850

No. of programmes
offered

100



13%

of international (exchange and degree) students



36%

of all study programmes taught in English

#VILNIUSTECH

VILNIUS TECH has:

10

faculties

13

research institutes

23

research laboratories

3

research centres

480

partner universities

500

partner business organisations

Antanas Augustaitis Aviation Institute

Faculty of Architecture

Faculty of Business Management

Faculty of Civil Engineering

Faculty of Creative Industries

Faculty of Electronic

Faculty of Environmental Engineering

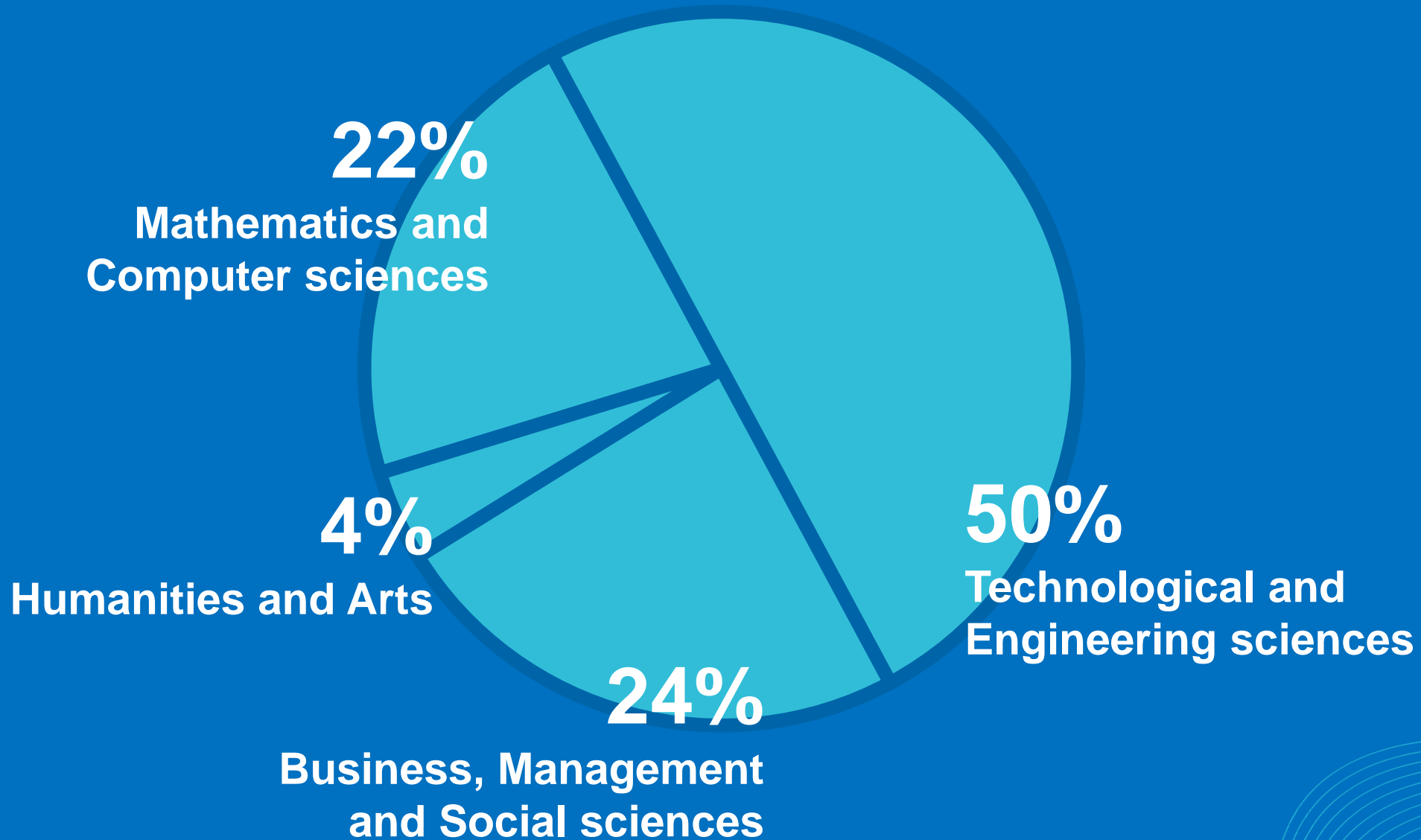
Faculty of Fundamental Sciences

Faculty of Mechanics

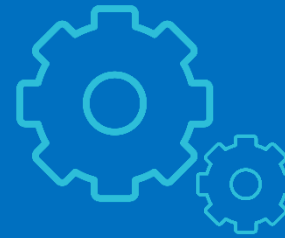
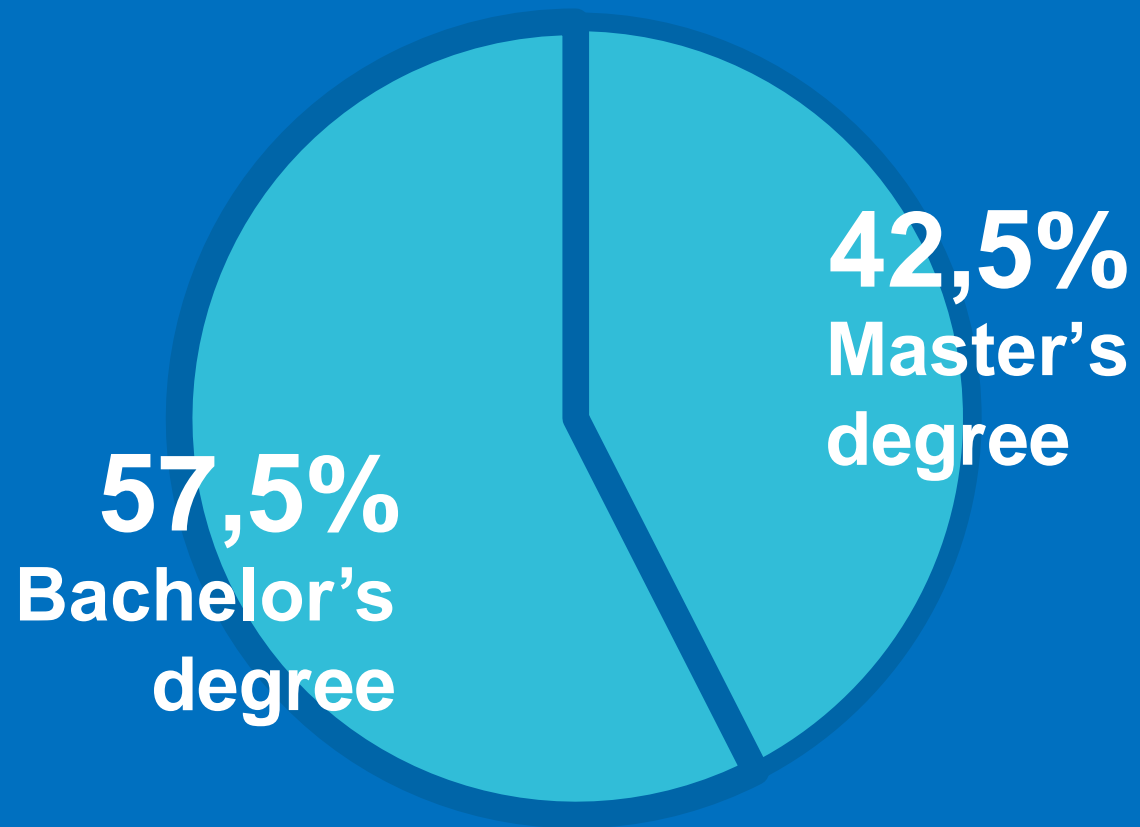
Faculty of Transport Engineering

#VILNIUSTECH

VILNIUS TECH STUDENTS PROFILE BY STUDY FIELD 2020



VGTU INTERNATIONAL STUDENTS BY DEGREE 2020



76,5%
of the international
degree students choose
Engineering study programmes

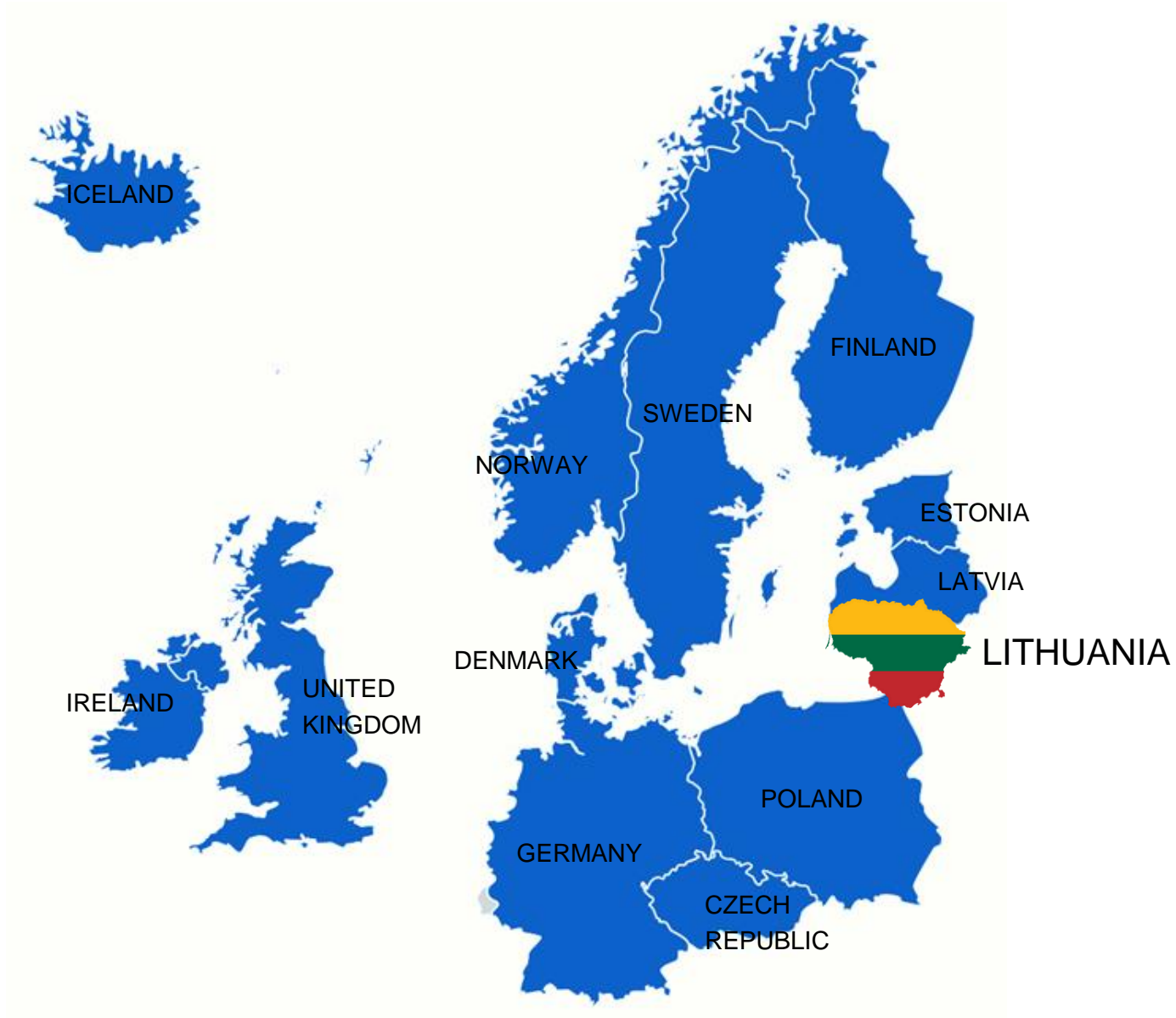
VGTU Creativity and Innovation Centre “LINKMENŲ FABRIKAS” is collaborative makerspace with modern tools for learning, making and sharing. It's a fast growing community for students, researchers & business companies connecting and combining their resources in pursuit of innovation.

“LINKMENŲ FABRIKAS” HELPS TO FIND SOLUTIONS FOR REAL MARKET CHALLENGES IN THE FOLLOWING AREAS:

- Prototyping using the latest technologies
- Evaluating the business perspective of a product or technology
- Analysing product commercialization opportunities
- Product advertising

CENTER PROVIDES OPEN ACCESS FACILITIES FOR PROTOTYPING & SMART MEDIA:

- 3D printing, scanning & modeling
- Electronics
- Wood & metal workshops
- Graphic design
- Virtual & augmented reality
- Audio records
- Filming & photography
- Photo, video & audio post-production



LITHUANIA – Northern Europe country

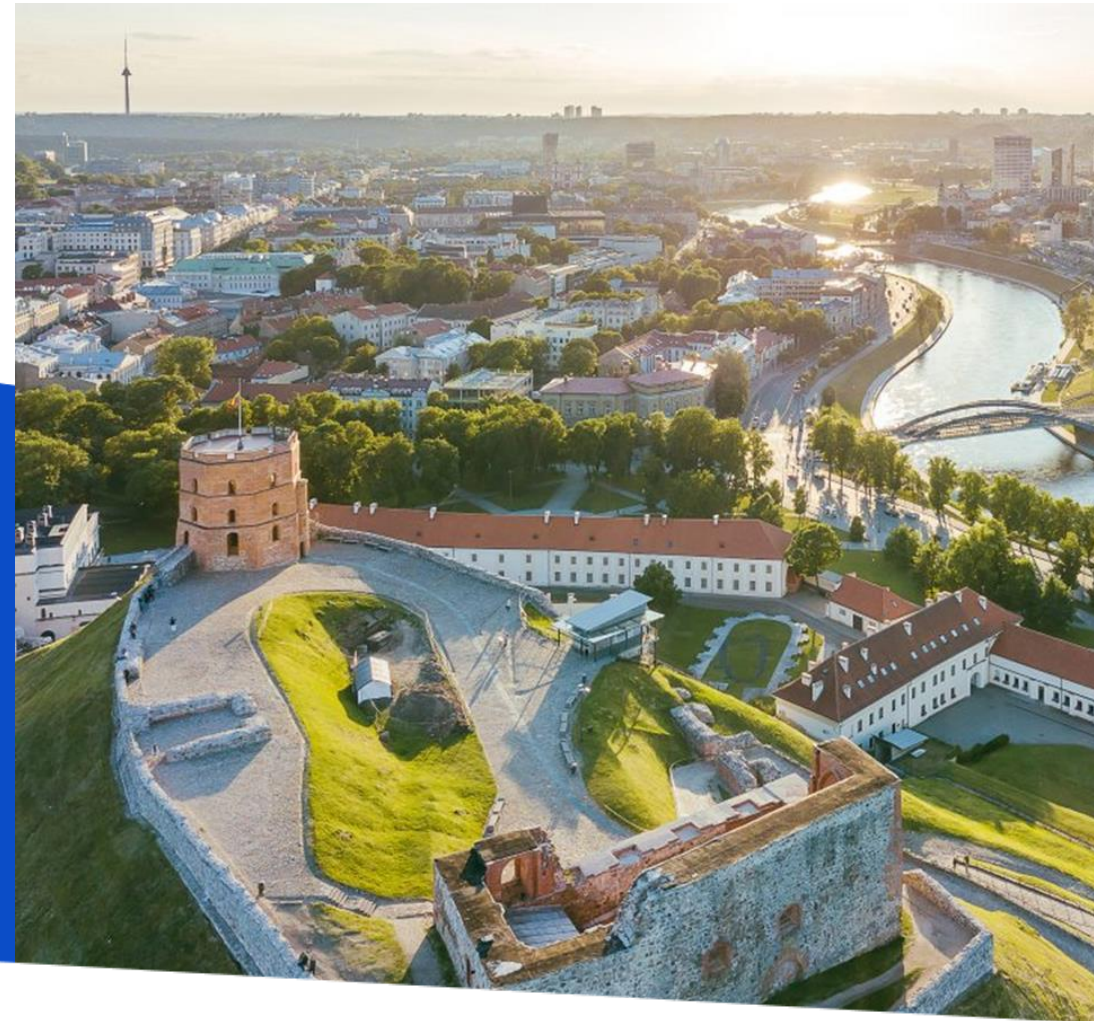
THE CURRENT POPULATION OF LITHUANIA ~2 900 000
LITHUANIAN is the official language



VILNIUS

- ~550 000 INHABITANTS
- 46% OF GREEN SPACE
- OLD TOWN - UNESCO WORLD HERITAGE SITE SINCE 1994
- AFFORDABLE LIVING QUALITY
- CLEAN TAP WATER
- 80% OF THE YOUTH – ENGLISH SPEAKERS
- ONE OF THE FEW EUROPEAN CAPITAL CITIES WHERE HOT AIR BALLOONS ARE ALLOWED TO FLY

VILNIUS GEDIMINAS TECHNICAL UNIVERSITY (VILNIUS TECH)



VILNIUS GEDIMINAS TECHNICAL UNIVERSITY

In 2024, VILNIUS TECH has been ranked in the following QS WUR Subjects:

#451-500 in Economics and Econometrics

#451-500 in Engineering and Technology

#451-500 in Engineering – Mechanical

#501-530 In Engineering – Electrical and Electronics

#501-550 in Business and Management Studies



#114 in QS WUR 2024

Europe University Rankings - Northern Europe region



FACTS AND FIGURES

- ESTABLISHED IN **1956**
(Vilnius **GEDIMINAS** Technical University name in 1996;
VILNIUS TECH brand name in 2020)
- Near **9 000** STUDENTS
- **20%** OF INTERNATIONAL STUDENTS from
over **80** countries
- Over **1000** ACADEMIC STAFF MEMBERS
- Around **300** business partners
- Over **400** PARTNER UNIVERSITIES in **60**
countries globally

MEMBER of [ATHENA](#) European University Alliance



11 FACULTIES OF VILNIUS TECH

- ANTANAS GUSTAITIS' AVIATION INSTITUTE
- ARCHITECTURE
- BUSINESS MANAGEMENT
- CIVIL ENGINEERING
- CREATIVE INDUSTRIES
- ELECTRONICS
- ENVIRONMENTAL ENGINEERING
- FUNDAMENTAL SCIENCES (ICT & Computer Sciences)
- MECHANICS
- TRANSPORT ENGINEERING
- LITHUANIAN MARITIME ACADEMY



RESEARCH AT VILNIUS TECH

7 RESEARCH PRIORITIES

- Sustainable building
- Environmental and energy technologies
- Economics engineering, management and communication
- Fundamental research on materials and processes
- Sustainable transport
- Mechatronics
- Information and communication technologies



3 RESEARCH CENTRES

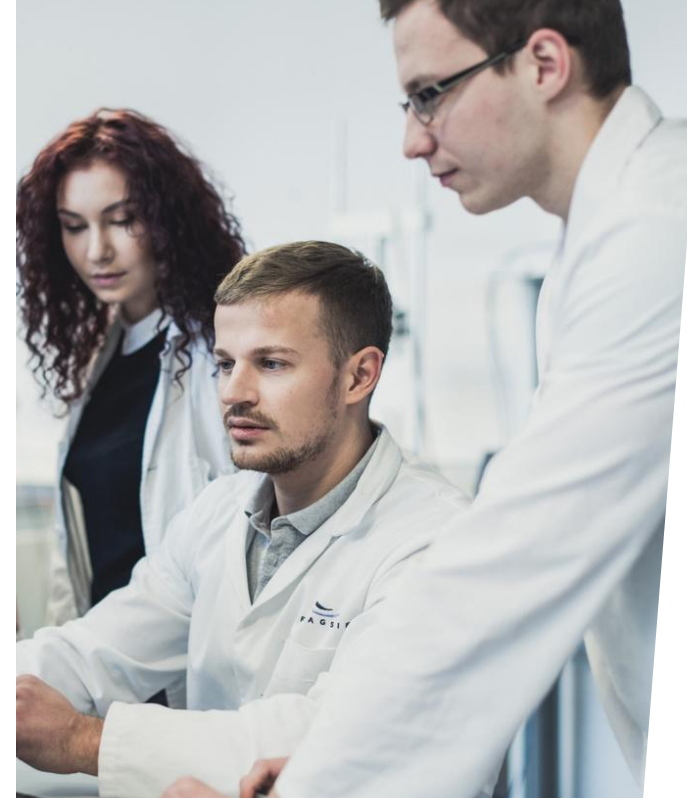
12 RESEARCH INSTITUTES

24 RESEARCH LABORATORIES

VILNIUS TECH Publishing House:

16 research journals (**10** of them are listed on the Clarivate Analytics WoS, **13** in Scopus)

journals.vilniustech.lt



PhD STUDIES IN 12 FIELDS OF SCIENCE:

Technological Sciences:

- Civil Engineering
- Electrical and Electronic Engineering
- Environmental Engineering
- Informatics Engineering
- Materials Engineering
- Mechanical Engineering
- Transport Engineering

Social Sciences:

- Communication and Information
- Economics
- Management

Natural Sciences:

- Informatics

Humanities:

- History and Theory of Arts



STUDIES AT VILNIUS TECH

100 STUDY PROGRAMMES

(75% in the field Engineering, ICT and Technological Sciences)

OVER 50% TAUGHT IN ENGLISH:

- Professional Bachelor's (undergraduate) 120–240 ECTS
- Bachelor's (undergraduate) 180–240 ECTS
- Integrated (undergraduate + graduate) 300 ECTS –

Master's degree awarded

- Master's (graduate) 90–120 ECTS
- Master's (MBA) 60 ECTS



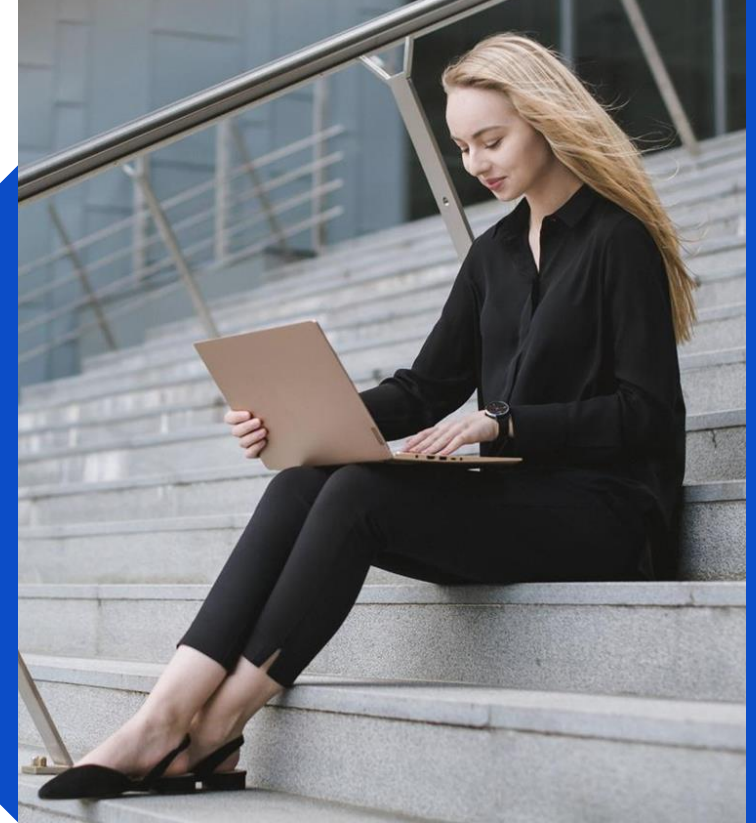
STUDIES IN ENGLISH:

FOR EXCHANGE STUDENTS:

List of [courses](#) taught [in English](#) is updated by mid-March (for the Autumn semester/Full year) and mid-October (for the Spring semester), and is available on our [website](#).

FOR DEGREE-SEEKING STUDENTS:

Degree programmes [in English](#) available on our [website](#) and the website of [Lithuanian Maritime Academy](#)



LITHUANIAN LANGUAGE COURSE

- Lithuanian language course offers international students the opportunity to study one of the oldest languages in the world.
- Successful completion of the course is worth **3 ECTS credits**.



STUDENT LIFE AT VILNIUS TECH

ACCOMMODATION

VILNIUS TECH DORMITORIES

- VILNIUS TECH student dormitory is located on the university campus (within **7-10 min** walk to the Central building).
- The accommodation fee is **200-240 EUR** for **1 person** per **1 month**.
- Deposit is **300 EUR**, paid upon arrival.
- Double rooms, limited number of places.



CLUBS AND ACTIVITIES

- Erasmus Student Network (ESN VILNIUS TECH)
- [Creativity and Innovation Centre „LinkMenų fabrikas“](#)
- VILNIUS TECH Gym
- Various of sports (volleyball, basketball, soccer, wrestling, field and track, tennis and others)
- Theatre studio „Palėpė“
- Academic choir „Gabija“
- Folk dance ensemble „Vingis“
- VILNIUS TECH Tourist Club
- Orchestra

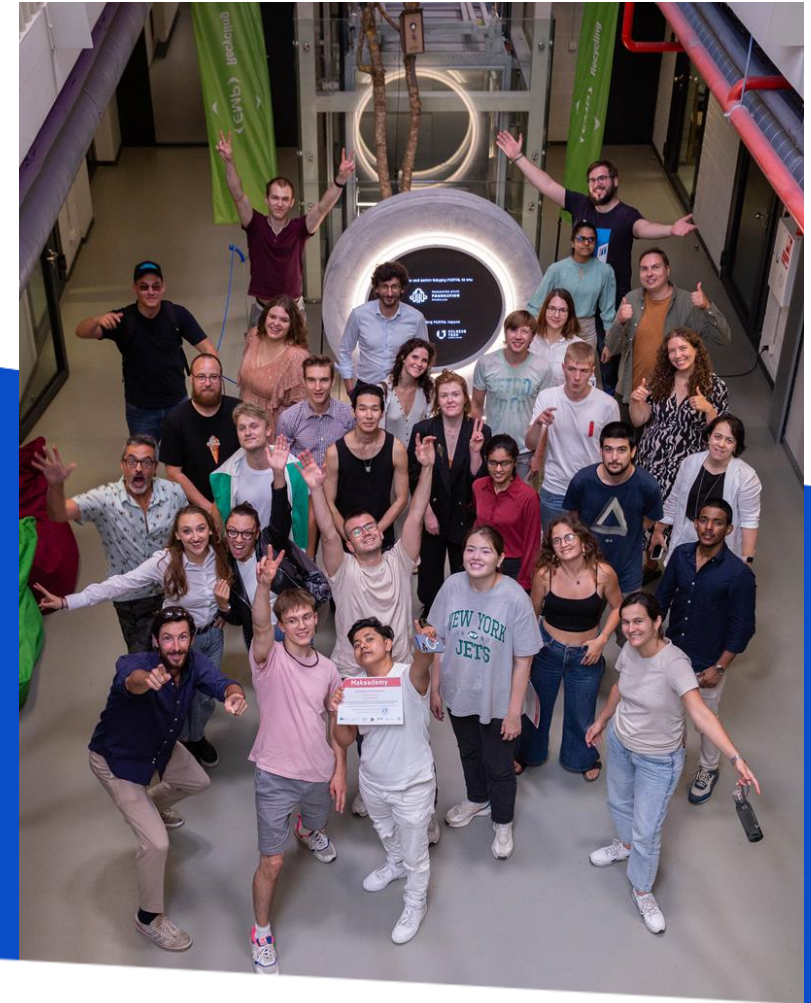


VILNIUS TECH CREATIVITY AND INNOVATION CENTRE “LINKMENŲ FABRIKAS”

collaborative makerspace for students, researchers & business companies

1100 m² venue
accommodating **45** areas of:

- Wood, metal, electronics, 3D printing, and painting workshops
- Media labs for the production of advertising
- Photography, video and audio recording studios
- VR lab



ESN VILNIUS TECH

Voluntary student organisation active since 2009.

- Cultural evenings
- Leisure events
- Sport tournaments
- Social activities

More – [ESN VILNIUS TECH Facebook](#)
[ESN VILNIUS TECH Instagram](#)



MENTOR PROGRAMME

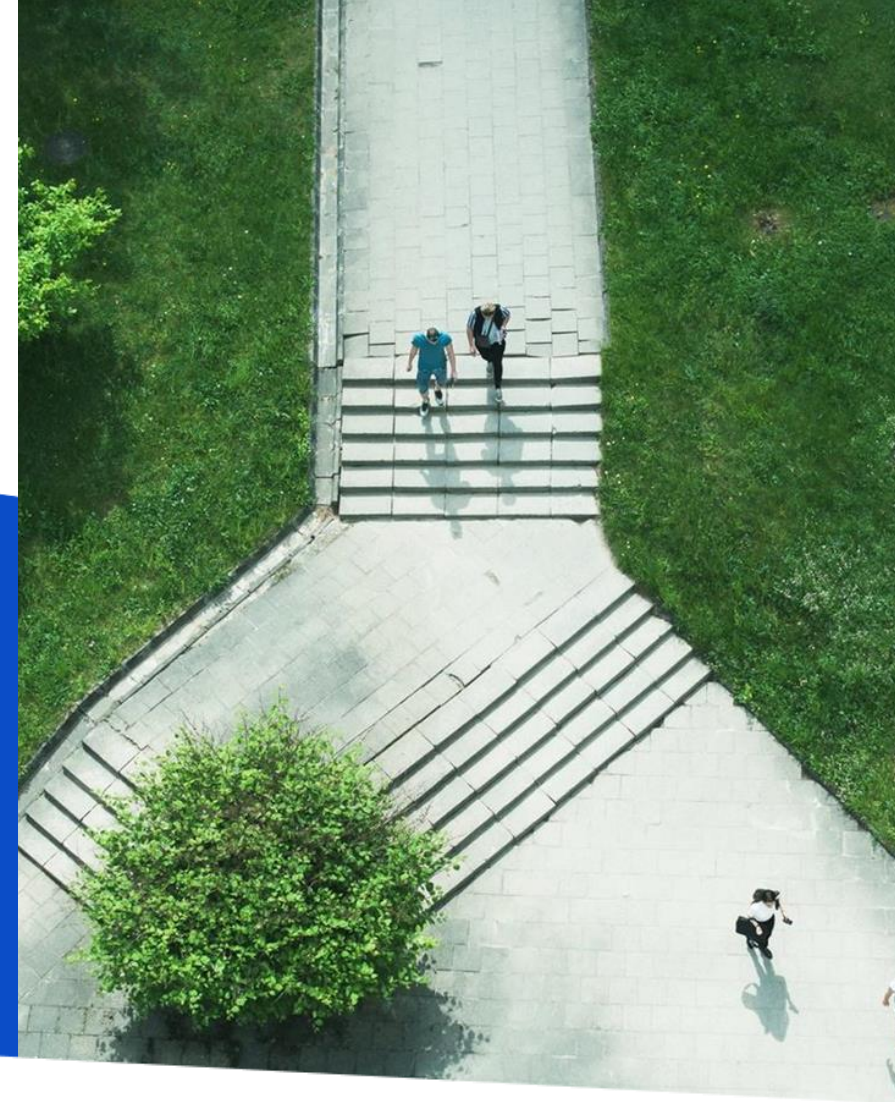
ESN VILNIUS TECH

- [Mentors know and understand](#) what kind of [problems](#) international students can face and are always [willing to help](#) with the integration into the university and daily life in Lithuania.
- Some [Mentors](#) have already been [Erasmus students](#), some of them are [not Lithuanians](#) themselves and some of them have friends who are international students.
- You may [apply for a Mentor online](#) after receiving your Letter of Acceptance.



ESTIMATED COST OF LIVING (MONTHLY)

- Student dormitory 200 – 240 €
- Private apartment 400 – 600 €
- Food ~200 €
- City transport 6 € with ISIC
- Leisure time 50 – 100 €





www.vilniustech.lt

International Relations Office

E-mail urd@vilniustech.lt

Phone +370 5 237 0557



VILNIUS TECH

FOR THE CREATORS OF TOMORROW



VILNIUS
TECH

Faculty of Mechanics



WELCOME TO THE FACULTY OF MECHANICS

NUMBER OF STUDENTS 550-600

Bachelor: 306 (+30)

Master: 128

Foreign degree students: 197



DEPARTMENTS

- Department of Biomechanical Engineering
- Department of Mechanical and Materials Engineering
- Department of Mechatronics Robotics and Digital Manufacturing
- Institute of Mechanical Science
- Technical Creativity and Innovation Center

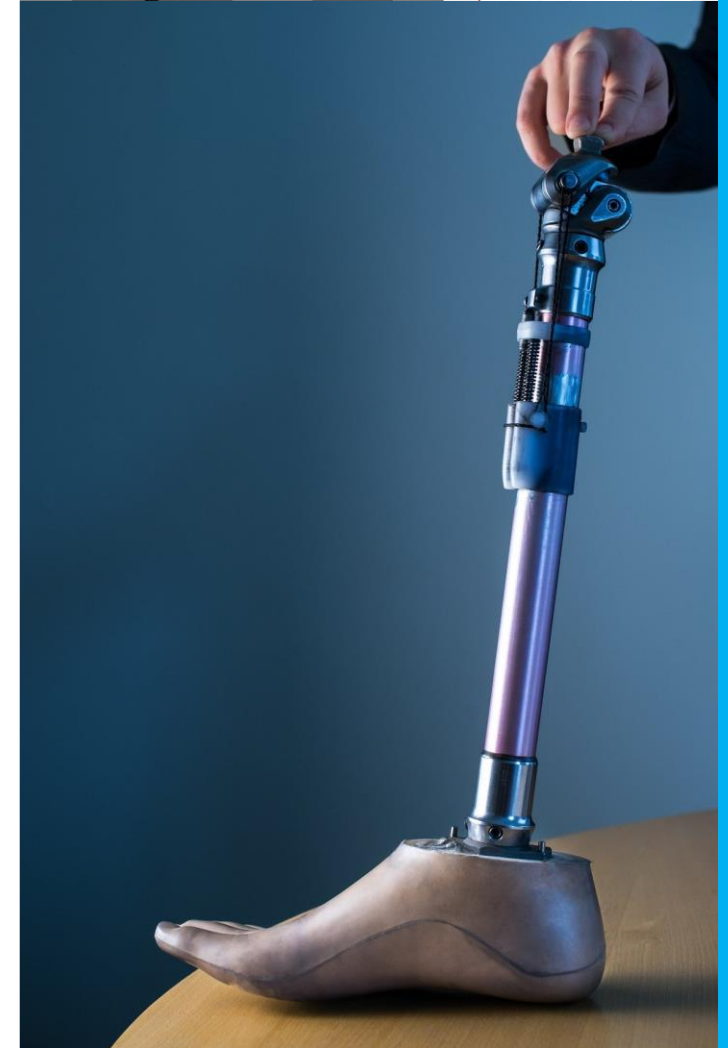
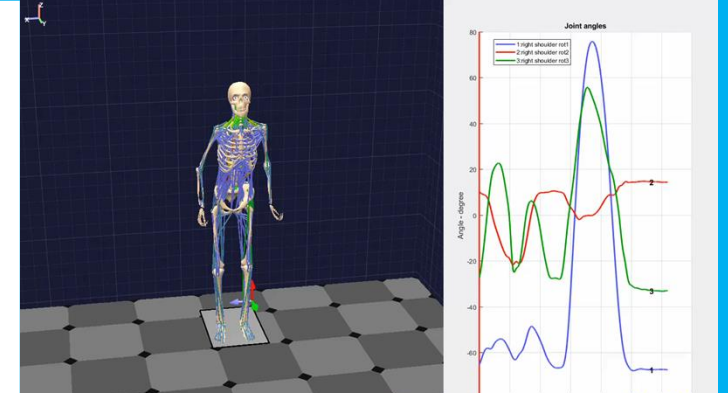


Department of Biomechanical Engineering

Department offers study programs providing degree
in Engineering Sciences:

Medical engineering (BSc) – 4 years (in English)

Biomedical Engineering (MSc) – 2 years (in Lithuanian
and English)



Equipment of the Department of Biomechanical engineering



DEPARTMENT OF MECHANICAL AND MATERIALS ENGINEERING



VILNIUS
TECH

Faculty of Mechanics

Department of Mechanical and Materials Engineering

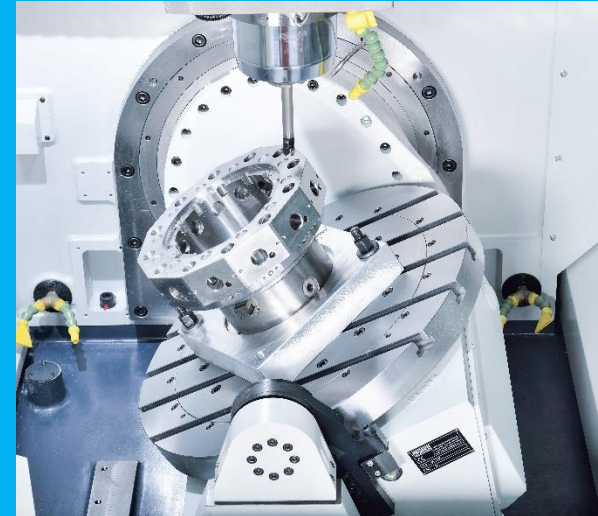
The department offers study programs providing
degree in Mechanical Engineering

*Mechanical Engineering (BSc) (in Lithuanian and
English)*

*Mechanical Engineering (MSc) (in Lithuanian and
English)*

and in Production and Manufacturing Engineering

*Industrial Engineering and Innovation
Management (MSc) (in Lithuanian and English)*



DEPARTMENT OF MECHATRONICS, ROBOTICS & DIGITAL MANUFACTURING



VILNIUS
TECH

Faculty of Mechanics

Department of Mechatronics, Robotics and Digital Manufacturing

The department offers study programs providing degree in Production and Manufacturing Engineering:

Applied artificial intelligence (BSc) (in Lithuanian and English)

Mechatronics and robotics (BSc) (in Lithuanian and English)

Mechatronics (MSc) – (in English; **Joint Master's study program with the Braunschweig Technical University (TUB), Germany)**



Equipment of the Department of Mechatronics and Robotics engineering



KUKA ROBOTS



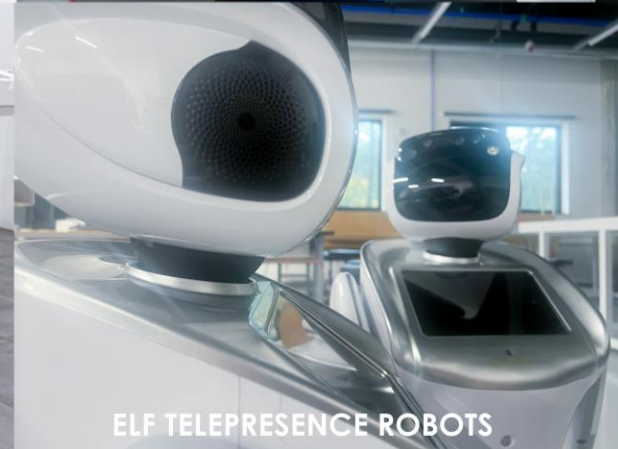
ROBOTS FOR MANUFACTURING INDUSTRIES



HUMAN-COLLABORATIVE ROBOTS



SHERPA MOBILE ROBOTICS



ELF TELEPRESENCE ROBOTS

Projects of Department of Mechatronics, Robotics and Digital Manufacturing

(AI4DI) – Artificial Intelligence for Digitalizing Industry.

(AI4CSM) – Artificial Intelligence for Connected Shared Mobility.

(MechaUz) – MechaUz: Modernization of Mechatronics and Robotics for Bachelor degree in Uzbekistan through Innovative Ideas and Digital Technology.

(DeCoTe) – Democratizing Cobot Technology.

(EUREKA) – Excavator Mechatronic digs assis

(SMART-SECM) – Smart scanning electrochemical microscope.

(MICROBOT) – Development of microrobot based on visual recognition and machine learning for manipulation of individual living cells.



Thank you very much!

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digital manufacturing
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