



VILNIUS GEDIMINAS  
TECHNICAL UNIVERSITY

# FACULTY OF CIVIL ENGINEERING

## WHY FACULTY OF CIVIL ENGINEERING AT VGTU IS A WISE CHOICE?



### 1 HIGH QUALITY STANDARDS

High quality standards. Among the top 150 universities in the field of Civil & Structural Engineering (QS World University Rankings by Subject 2017)

### 2 IMPLEMENTED INTERNATIONAL QUALITY MANAGEMENT SYSTEM ISO 9001: 2008

### 3 EXPERIENCE

60 year experience of training experts in the field of civil engineering. Trained by top-notch staff, including 4 academicians of the Lithuanian Academy of Sciences. 20 000 graduates from the Faculty throughout the periods.

### 4 COOPERATION

Cooperation with more than 100 universities worldwide

### 5 AN ACTIVE MEMBER OF INTERNATIONAL ORGANIZATIONS

EUCEET, AECEF, IABSE, CIB



### STUDIES AND PRACTICE ABROAD

The Faculty of Civil Engineering has partner universities in Germany, France, Sweden, Finland, Portugal, Spain, Great Britain, Greece, Italy, the Czech Republic, etc. Students are provided a possibility of leaving for studying or practical training for the period from 3 to 12 months in the Erasmus+ Academic Exchange Program or under bilateral cooperation agreements.

### LANGUAGE

Courses are taught in the **English/Russian** languages

### LOCATION

Vilnius (Capital City of Lithuania)

### ADVICE IS GIVEN AT THE INTERNATIONAL CENTRE OF STUDIES

Dovilė Jodenytė

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### ADMISSION

Submit your request online:

<http://apply.vgtu.lt>

### COST OF STUDYING

BSc: Civil Engineering, 4 years – **3500 €/year**

MSc: Structural Engineering, 2 years – **3900 €/year**

MSc: Real Estate Management, Joint study program at Belorussian State Technological University, 2 years – **1470 €/year**

### Cost of living per month / person

Dormitory **110 €-150 €**

Public transport **6 €**

Food **240 €**

Learning aids **20 €**

Entertainment **50 €**

Other **50 €**

Total **500 €**

## STUDY PROGRAMS

Diploma is accepted in the EU Member States

### Bachelor's degree studies: **Civil Engineering**, 240 credits, 4 years

**Career opportunities:** bachelors of civil engineering acquire all skills necessary for practical work in the field of civil engineering; they conduct practical activities in construction and design companies, departments of ministries, city and regional municipalities or proceed with their master studies.

**Courses taught include** Mathematics, Physics, Chemistry, Mechanics of Materials, Structural and Soil Mechanics, Geodesy, Building materials, Design of Reinforced Concrete, Masonry, Steel, Timber Structures, Foundations, Bridges, Building Construction Technology, Design, Numerical and Computer Aided Simulation of Structures, etc.

### Master's degree studies: **Structural Engineering**, 120 credits, 2 years

**Career opportunities:** graduates acquire all skills necessary for practical work in the field of structural engineering and are ready for independent professional activities; they perform practical activities in construction and design companies, expert bureaus, departments of ministries, city and regional municipalities.

**Courses taught include** Simulation, Computer and Nonlinear Analysis of Structures, Stability of Steel Structures, Reinforced Concrete Thin-Walled Structures, High-Rise Buildings and Structures, Durability and Probability of Building Structures, Composite Steel and Concrete Structures, Non-Linear Mechanics of Reinforced Concrete and Steel Structures, Design of Precast and Prestressed Reinforced Concrete and Thin-Wall Steel Structures, etc.

## RESEARCH AND INNOVATION

### FOCUS AREAS OF RESEARCH

- Modern building and structural materials
- Advanced structural analysis and design
- Smart construction technologies

## LABORATORIES/INSTITUTES

3 Institutes and 10 Laboratories (Institute of Building Materials (Laboratory of Concrete Technologies, Laboratory of Thermal Insulating Materials and Acoustics, Laboratory of Composite Materials), Institute of Building and Bridge Structures (Laboratory of Innovative Building Structures, Laboratory of Geotechnics), Institute of Sustainable Construction (Laboratory of Operational Research, Laboratory of Smart Building Systems); Other Laboratories: Laboratory of Building Structures and Geotechnics, Laboratory of Structural Models, Applied Laboratory of Buildings, Constructions and Materials).

## RESEARCH JOURNALS

Journal of Civil Engineering and Management, Q2, IF=1,66, 55 of 128

**JOURNAL of CIVIL ENGINEERING & MANAGEMENT**

Technological and Economic Development of Economy, Q1, IF=3,24, 31 of 353

**TECHNOLOGICAL and ECONOMIC DEVELOPMENT of ECONOMY**

International Journal of Strategic Property Management, Q3, IF=1,57, 126 of 210

**INTERNATIONAL JOURNAL of STRATEGIC PROPERTY MANAGEMENT**

- Engineering Structures and Technologies
- Science – Future of Lithuania.

## SCIENTIFIC CONFERENCES


Since 1991 the faculty holds international research conferences "Modern Building Materials, Structures and Techniques". The 12th conference was held on May 26–27, 2016. More than 300 researchers from 24 countries participated in this conference. The next conference "Modern Building Materials, Structures and Techniques" will be organized in Vilnius, Lithuania, on May 16-17, 2019.


## DOCTORAL STUDIES

The doctoral students perform research in four research areas: Civil Engineering (02T), Materials Engineering (08T), Business Management (03S) and Economics (04S).

### Vilnius Gediminas Technical University

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