



# FACULTY OF CIVIL ENGINEERING

## BACHELOR'S DEGREE STUDY

## UNIVERSITY OF ŽILINA

### Faculty of Civil Engineering

#### CONTACT

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**Coordinator for work with students with special needs:**

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## ACCREDITED STUDY PROGRAMMES FOR THE ACADEMIC YEAR 2018/2019

BACHELOR'S DEGREE STUDY PROGRAMMES	
FULL-TIME	PART-TIME ***
STANDARD LENGTH OF STUDY 3 YEARS	STANDARD LENGTH OF STUDY 4 YEARS
Geodesy and Cartography	Geodesy and Cartography
Building Constructions *	-
Civil Engineering **	Civil Engineering
Civil Engineering	-
Construction Technology and Management	Construction Technology and Management
<i>* the standard length of study in the study programme Building Engineering is 4 years</i>	
<i>** the study programme Civil Engineering is accredited also in the English language (Civil Engineering)</i>	
<i>***the standard tuition fee for part-time study programme is 700 € for an academic year</i>	

**Detailed information on particular study programmes**

- syllabus,
- course information sheets

can be found at <http://vzdelavanie.uniza.sk/vzdelavanie/plany.php>.

EXPECTED NUMBER OF ACCEPTED APPLICANTS TO THE FIRST YEAR:		
BACHELOR'S DEGREE STUDY		
STUDY PROGRAMME / FIELD OF STUDY	PLANNED CAPACITY	
	FULL-TIME	PART-TIME
Geodesy and Cartography / Geodesy and Cartography	30	does not open
Building Constructions / Buildings	120	-
Civil Engineering / Engineering and Traffic Structures	90	50
Civil Engineering / Engineering and Traffic Structures	10	-
Construction Technology and Management/ Building Industry	60	30
<b>TOTAL NUMBER</b>	310	80



## TERMS AND CONDITIONS OF ADMISSION

1. **The fundamental prerequisite** of being accepted to the undergraduate study programmes (first degree) is full completion or full secondary vocational education (Higher Education Act, n.131/2002 Coll.).
2. **Language competence** – written and oral command of Slovak or Czech (level B1) is required for study in the study programmes that the faculty provides in the Slovak language. Mastering of at least one of the world languages (English, German, French) is welcome; for the study in study programmes that the faculty provides in English written and oral command of English is required at least at the B1 level.
3. **Health certificates** – the faculty does not require any health certificates and accepts all the applications without any health certificates for all degrees of the university studies.



## FORMS OF ADMISSION

### 1. No entrance exams

- For study in bachelor's study programmes the Faculty of Civil Engineering UNIZA will admit the applicants on the basis of their previous study results without any entrance examination. The number of applicants admitted without entrance examination will be determined in a way so that it does not exceed the planned capacity of the admitted students in the first year of respective study programme.

### 2. Selection Procedure

- Selection procedure is carried out in a form of an interview in order to ensure that the accepted candidates dispose of the necessary skills and abilities,
- selection procedure will take place without the candidate's personal attendance.

### Rules of Selection Procedure

The Faculty of Civil Engineering UNIZA does not accept candidates who have already studied in any of the bachelor's study programmes at the Faculty of Civil Engineering UNIZA and have failed twice or more times. Moreover, the Faculty does not accept those students who have been excluded from the study at the Faculty of Civil Engineering UNIZA under disciplinary proceedings under Art.2 of the Disciplinary Regulations for students of the University of Zilina.

The study in the bachelor's degree study programme Civil Engineering (tuition in English) will be opened in its full-time form of study only if there are at least 5 candidates who meet the admission requirements.

The study in the bachelor's degree study programmes in the part-time form of study will be opened only if there are at least 5 candidates who meet the admission requirements in the respective study programme.

The Dean of the Faculty of Civil Engineering is authorised to meet the final decision on the outcome of the admission procedure based on the proposal of the admission committee of the Faculty of Civil Engineering UNIZA. It is the responsibility of the dean of the Faculty of Civil Engineering UNIZA to complete the number of admitted students for the study programmes in the first year of bachelor's study up to the anticipated number of candidates from those candidates who:

- meet the conditions for acceptance in another bachelor's study programme but were not accepted due to the full capacity of the initially chosen study programme,
- meet the conditions for acceptance in another bachelor's study programme that is not going to be opened due to the fact that there are less than 5 candidates who have met the admission requirements.

In selected study programmes of the bachelor's degree study programmes, in the case of vacant places, there will be the second round of the admission procedure organised as well. The list of bachelor's degree study programmes for the second round of the admission procedure will be published by June, 19, 2018.

The terms, conditions and the form of admission procedure for undergraduate study are the same as in the first round of the admission procedure.



## ADMISSION OF FOREIGN STUDENTS

The same terms and conditions of admission are applicable as for the applicants from abroad as for the applicants from Slovakia. Foreign students who study in a foreign language (i.e. not Slovak), pay the tuition fee as stated in § 92 Subsection 8 (Higher Education Act). The tuition fee is specified by the UNIZA directive for the respective academic year, which can be found on the university website.

Students from abroad who study in the Slovak language do not have to pay the tuition fee. The applicants from the Czech Republic who want to apply and study in Žilina can use the application form available in the Czech Republic. The applicants who do not actively speak Slovak or Czech are required to attend the language training. (It is possible to attend the Slovak for Foreigners courses at UNIZA).

For foreign applicants who were accepted on the basis of international agreements or Slovak government grants, terms and conditions stated in respective agreements are applicable.



## HOW TO APPLY

**If the applicant wishes to apply for more than one undergraduate study programme provided at the Faculty of Civil Engineering UNIZA, it is satisfactory to indicate their order of preference in one application form submitted. If interested in both forms of study (full- and part-time forms), it is necessary to submit two application forms and to cover two admission procedure fees.**

Applicants have to fill in the form Prihláška na vysokoškolské štúdium - 1. stupeň or they can also use an electronic application form that can be found on the university website (<https://vzdelavanie.uniza.sk/prijimacky/index.php>) or on the education portal (<https://prihlaskavs.sk/sk/>).

Even in case of electronic application form, it is required to print it, sign it, enclose other required documents including the proof of payment of the fee and send it to the address of the Faculty of Civil Engineering UNIZA within the stipulated deadlines. Incomplete study application or application sent after the deadline will not be accepted.

In the absence of or failure of entrance exams, the faculty does not refund the admission fee.

If an applicant wants to take part in entrance exams at more faculties of UNIZA, the application forms have to be sent separately to each faculty and the respective admission procedure fees paid separately to each faculty.

### **Enclosures for the bachelor's degree programmes (to be sent with application forms):**

- Curriculum Vitae,
- proof of payment of the admission fee,
- certified copies of annual secondary school certificates and copy of the final exam certificate.

After passing the final secondary school exams, the applicants will send the copy of the final exam certificate as well as the copy of the last annual secondary school certificate. The deadline for sending these documents will be announced to all applicants individually by mail.

**Admission fee:**Send **20 €** to:

Žilinská univerzita v Žiline, Univerzitná 1, 010 26 Žilina

Bank: Štátna pokladnica

IBAN: SK59 8180 0000 0070 0026 9896

const. symbol: 0308

variable symbol: 10431 - bakalárske štúdium

**Payment method:**

payment can be paid by bank transfer or postal order to the account above.

**Proof of payment:**

proof of payment is to be sent to the Faculty with the application form.

**Tuition fees** - in accordance with the Higher Education Act, information about the amount of tuition for the respective academic year will be announced on the website of the University of Žilina.

With payment of the admission fee from the EU member states, the EES countries, territories that are considered a part of the EU (Treaty of Rome, Section 299) and SEPA countries, it is necessary to use BIC: **SPSRSKBAXXX**, IBAN: **SK59 8180 0000 0070 0026 9896**.

**USEFUL DATES**

Open Day	Deadline for submitting the application form 1 <sup>st</sup> round / 2 <sup>nd</sup> round	Entrance exams
February, 7, 2018	until May, 31, 2018 from June, 25, 2018 to August, 17, 2018	June, 14, 2018 August, 24, 2018

**ACCOMMODATION**

All the students of the first year of the bachelor degree studies are entitled to accommodation in accordance with the internal regulations of the university. **Monthly fees for accommodation: 41€ - 51€.**

**BOARD**

Students can use services of catering facilities at the University of Žilina. **The prices vary from 0,80 € to 2,30 €.**

**SCHOLARSHIPS**

Students of all study programmes can obtain motivational scholarships (for excellent results or exceptional achievements) in accordance with the stated criteria. **Students of selected study programmes can obtain motivational departmental scholarships in accordance with the stated criteria.**



## **FOLLOW-UP STUDIES AFTER COMPLETION OF BACHELOR'S DEGREE STUDIES**

There is a possibility for continuing bachelor's degree studies within the follow-up master's degree study programmes at the Faculty of Civil Engineering UNIZA in the academic year 2018/2019 (respective information about particular study programmes is available at the university website) in the following study programmes: Load-Bearing Structures of Buildings, Building Constructions, Engineering Structures and Traffic Constructions, Transport Infrastructure Planning, Technology and Management of Constructions. The Faculty of Civil Engineering provides tuitions in more accredited study programmes of the master's degree but they are not going to be opened for new applicants in the academic year 2018/2019 (Highway Engineering, Objects of Transportation Engineering, Railway Engineering).



## **GRADUATE PROSPECTS**

### **BACHELOR'S STUDY PROGRAMMES**

#### **GEODESY AND CARTOGRAPHY**

##### **(Field of study 5.1.3 Geodesy and Cartography)**

The graduates gain theoretical foundations of exact and natural sciences as well as humanities and economic sciences. This general framework is followed by basic scientific disciplines of geodesy and cartography. A student acquires the core knowledge by passing a group of subjects that create the theoretical, technical and application base of the field of study. The group of core subjects and the graduate's career prospects are appropriately complemented and expanded by subjects such as law and management. The graduates can apply in national and regional cadastral offices, in investment construction, in state as well as in private sphere solving problems of geodetic networks, land surveying, cartography and topographic work.

#### **BUILDING CONSTRUCTIONS**

##### **(Field of study 5.1.4 Buildings)**

The graduates obtain adequate scientific education and basic knowledge of social and economic disciplines, understand and acquire relevant knowledge, concepts, principles and theories of architectural structures and the theory of environmental engineering and other engineering disciplines based on their ecological, material, static, physical, energy, technological, economic and managerial nature. They are able to utilise this knowledge in their professional activities, understand the implications and consequences of alternative solutions and master their optimisation, are able to use reasonable theory, criteria, practices and tools for specifying, analysing and solving technical and technological as well as economic and managerial problems of complex preparation and construction of buildings with understanding and accepting of their character. The graduates obtain technical and architectural education and are able to creatively cooperate with all partners of the project and specialists of all professions of project documentation of civil engineering buildings. Multidisciplinary profile of a graduate is added by his/her knowledge of business, management, valuations of buildings and fundamental rights in the construction industry. He/she can creatively apply knowledge of natural sciences, humanities and engineering disciplines in the process of designing, analysing and assessing buildings. His/her skills allow them to participate in the design, technical preparation, engineering, implementation and supervision of less demanding civil engineering work/buildings. He/she is qualified to apply as a designer in design and manufacturing companies, as a technologist, an economist / fiscalist and construction manager in implementation companies, a technician in government departments and territorial units and investor bodies, in the preparation and the implementation phases of civil engineering works, in the construction in the field of environmental protection, in operation management and maintenance of buildings and the like. By successful completion of the undergraduate study the student acquires basic preconditions for his/her qualification for exercise of a regulated profession after completing master's degree study.

## **CIVIL ENGINEERING**

### **(Field of study 5.1.5 Engineering and Traffic Structures)**

The study programme Civil Engineering is a traditional technical study programme prerequisite for the follow up study at the second level of university education in study programmes focused on engineering and transport structures. Successful completion of the study programme enables a smooth transition to the master's degree studies. The graduates can apply in the construction industry in the design and manufacture of bearing structures of engineering and highway constructions and in selected professions of building construction. The graduates are employable in the state administration, local governments, in environmental offices and in organisations executing engineering construction management and administration of transport structures. By successful completion of the undergraduate study the student acquires basic preconditions for his/her qualification for exercise of a regulated profession after completing master's degree study.

## **CONSTRUCTION TECHNOLOGY AND MANAGEMENT**

### **(Field of study 5.2.8 Building Industry)**

The graduates are experts specializing in the preparation and management of the construction process, focusing on complex solution of technical, technological and economic context of the construction process with a strong support of the utilisation of information technology for the areas of the design, modelling and optimisation of processes related to the management of construction projects. The students are encouraged to be independent and to be able to adapt to changing conditions and in particular to understanding principles and rules of proper, pragmatic and costeffective solutions. The graduates are able to analyse and keep the basic economic agenda and they receive instruction in the field of entrepreneurial activities/business. Successful completion of the study programme enables a smooth transition to the master's degree studies. The graduates are able to apply in many professions in the construction industry in construction of all kinds of buildings/structures and in structural design of simple buildings. They are employable in the state administration, local governments, and environmental offices and in organisations executing administration of transport structures. By successful completion of the undergraduate study the student acquires basic preconditions for his/her qualification for exercise of a regulated profession after completing master's degree study.