UNIVERSITY OF ŽILINA
Faculty of Civil Engineering

DOCTORAL DEGREE STUDY

CONTACT

The University of Žilina
Faculty of Civil Engineering
Univerzitná 8215/1, 010 26 Žilina
Tel. No.: +421/41/513 55 01
e-mail: fstav-studref@uniza.sk
www.svf.uniza.sk
www.facebook.com/StavebnaFakultaZUZ

All the questions concerning your studies you can direct to the Department of Science and Research:
Tel. No.: +421/41/513 55 49
e-mail: andrea.husarikova@uniza.sk

Coordinator for work students with special needs:
Assoc. Prof. Ing. Mária Kúdelčíková, PhD.
Tel. No.: +421/41/513 62 73
e-mail: maria.kudelcikova@uniza.sk

ACCREDITED STUDY PROGRAMMES OFFERED FOR THE ACADEMIC YEAR 2027/2028

DOCTORAL DEGRE STUDY PROGRAMMES	
FULL-TIME STUDY LENGTH OF STUDY 3 YEARS	**PART-TIME STUDY *** LENGTH OF STUDY 4 YEARS
Theory and Structures of Buildings	Theory and Structures of Buildings
Theory and Structures of Buildings **	Theory and Structures of Buildings **
Theory and Structures of Engineering Constructions	Theory and Construction of Engineering Structures
Theory and Structures of Engineering Constructions **	Theory and Construction of Engineering Structures**
Construction Management	Construction Management
Construction Management **	Construction Management**

** tuition fee for part-time study is €1,500 per academic year*
*** the study programme is accredited in English-the tuition fee is €3,500 per academic year*

The detailed information on the particular study programmes:

- curriculum,
- course information sheets

EXPECTED NUMBER OF ACCEPTED APPLICANTS TO THE FIRST YEAR

DOCTORAL DEGREE STUDY		
STUDY PROGRAMME / FIELD OF STUDY	**PLNNED CAPACITY**	
	FULL-TIME	**PART-TIME**
Theory and Structures of Buildings / Civil Engineering	5	7
Theory and Structures of Buildings / Civil Engineering	5	7
Theory and Structures of Engineering Constructions / Civil Engineering	5	7
Theory and Structures of Engineering Constructions / Civil Engineering	5	7
Construction Management / Civil Engineering	5	7
Construction Management / Civil Engineering	5	7
TOTAL	30	42

In case of a low number of applicants for full-time and part-time study, the Faculty retains the right not to open a study programme and to offer applicants another study programme in the same or related field of study.

TERMS AND CONDITIONS OF ADMISSION

Basic condition of admission

The basic condition for admission to the doctoral degree study (study programme of the third degree) is the full completion of the second degree of higher education (Act No. 300/2025 Coll. on Higher Education Institutions and on Amendments to Certain Acts; hereinafter referred to as the "Higher Education Act") in the field of Civil Engineering or related fields of study. In the case of a foreign applicant or a student who has completed their study abroad, they shall submit, along with the application form (no later than on the date of enrolment), a decision on the recognition of the certificate of completion of the second degree of higher education recognised by a relevant institution in the Slovak Republic, or they shall ask the University of Žilina (hereinafter UNIZA) for the recognition of the certificate of education.

Other conditions of admission

Detailed Principles and rules of the admission procedure for the 3rd degree of university of study programmes provided by the Faculty of Civil Engineering UNIZA (hereinafter SvF UNIZA) in the academic year 2027/2028 will be published on the faculty's website no later than 31 October 2026. Part of the admission procedure is an entrance examination which consists of:

- a written examination in the form of a test in one foreign world language (foreign language is other language than the applicant's mother tongue),
- an oral examination in front of the Committee of the relevant field of study. The purpose of the examination is to verify the applicant´s knowledge, his/her professional and scientific orientation in the field for which he/she applies, including the reasons for the selection of the topic and methods foreseen to be used when solving the topic as well as the expected conclusions of the dissertation thesis.

The admission procedure for the doctoral degree study at the SvF UNIZA is also regulated by the full text of the UNIZA Directive No. 110 "Study Regulations for the Third Degree of the University Study at the University of Žilina". A necessary requisite is the submission of an application for university study (doctoral degree – the third degree) within the deadline specified in the document „Notice on the Selection Procedure for the Doctoral Degree Study at the SvF UNIZA". The course of the entrance exam is regulated by the full text of the UNIZA Directive No. 110 "Study Regulations for the Third Degree of the University Study at the University of Žilina".

The Admission Committee will issue a recommendation on the result of the admission procedure and a proposal of the successful applicants that will be submitted to the Dean of the Faculty of Civil Engineering UNIZA. The Dean of the Faculty of Civil Engineering UNIZA, after discussing the proposal with the Committee and the guarantors of doctoral degree study programmes, decides on the admission of the applicant within 30 days from the date of the entrance examination.

The Admission Committee evaluates the result of the entrance examination at a non-public session, concluding „passed“ or „failed“. If more applicants have applied for one topic of the dissertation, the Committee will determine their ranking on the basis of the result of the entrance examination. When ranking, the Committee takes into account the scope and quality of the previous professional publications of each applicant and the results of his/her other professional activities (e.g. the results of students‘ research, professional or artistic works or competitions, his/her professional practice, etc.). At the same time the Committee will determine the order of all successful applicants.

ADMISSION OF FOREIGN STUDENTS

The basic and other terms and conditions of admission are applicable for applicants from abroad as well as for applicants from Slovakia.
Foreign students who study in a foreign language (i.e. not Slovak), pay the tuition fee as stated in Section 92 (8) of the Higher Education Act. The tuition fee is specified by the UNIZA directive and published for the respective academic year on the University website. Foreign students who study in the Slovak language do not have to pay the tuition fee. Applicants from the Czech Republic can use the form valid in the Czech Republic to submit their application for study. Applicants who do not actively speak Slovak or Czech are required to successfully complete their language training (it is possible to attend the Slovak language courses at UNIZA). For foreign applicants who were admitted on the basis of intergovernmental agreements, bilateral agreements or Slovak government grants, terms and conditions stated in the respective documents are applicable.

APPLICATION FORM

Application forms are to be submitted for the study programmes and for the topic listed by the supervisor of the given study programme.
If the applicant wants to apply for more than one study programme, it is necessary to submit individual application forms for each study programme separately whereas the payment of the respective admission fee is required.
Applicants fill in the application form Prihláška na vysokoškolské štúdium – 3. stupeň *(Application form for the third degree of the university study)* or they can also use an electronic application form. The electronic application form can be filled via the UNIZA website: https://vzdelavanie.uniza.sk/prijimacky/index.php or on the Portal VS (University Portal): https://prihlaskavs.sk/sk/. All required attachments can be uploaded electronically as scanned documents.
Application forms submitted after the deadline and electronic application forms without mandatory attachments will not be accepted.
In the event of non-participation in the admission procedure or a failure in the admission procedure, the Faculty does not refund the admission procedure fee. If the applicant wants to take part in the admission procedure at several faculties of UNIZA, the application forms must be submitted separately to each Faculty with the payment of the relevant fee.

Attachments to the doctoral degree application form:

- curriculum vitae,
- certified copies of the highest level of education completed (the Diploma on completion of university education of the 2nd degree, the Certificate on the state examination, the Diploma Supplement). Documents issued by the Faculty of Civil Engineering UNIZA do not need to be verified,
- a list of published professional and scientific papers,
- other evidence indicating any professional activities,
- the original proof of payment of the admission fee,
- the document from the Ministry of Education, Science, Research and Sport of the Slovak Republic on the recognition of the university study of the 2nd degree completed outside the Slovak Republic (applies to foreign and Slovak applicants who have completed university study of the 2nd degree abroad) or the applicant shall ask UNIZA for the recognition of the certificate of education.
- signed application form (in case of electronic submission).

Admission fee:
€35 (for applications to a study programme accredited in the Slovak language)
€50 (for applications to a study programme accredited in English) to be paid 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: 10433 - doktorandské štúdium

Payment method: payment can be made by bank transfer or postal order to the above account.
Proof of payment: proof of payment is to be sent to the Faculty address with the application form, or it should be attached to the electronic application form.

Tuition fees are set in accordance with the Higher Education Act. The information on the amount of the tuition fee for the relevant academic year will be published on the website of the University of Žilina within the stipulated deadlines.
With payment of the admission fee from the EU member states, the EES countries, territories that are considered 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

Deadline for submission the application form	Entrance exams
until 31 May 2027	18 June 2027

ACCOMMODATION

The accommodation facilities of the University of Žilina provide accommodation according to the accommodation capacity, taking into account the distance between the student´s permanent residence and the seat of the University. **Accommodation fee: € 66 – € 134 / month**.

CATERING

Students can use the services of the catering facility of the University of Žilina. **Price for food: € 1.10 – € 4.70**.

SCHOLARSHIPS

Full-time doctoral students are entitled to a scholarship in accordance with the Higher Education Act.

TUITION FEES

- the full-time form of study (3 years): There is no fee for the standard length of study. In case of prolonged studies, the amount of the tuition fee is specified in the UNIZA Directive No. 243.
- the part-time form of study (4 years): The amount of the tuition fee for study programmes accredited in Slovak /tuition/ is €1,500 per academic year in accordance with the Higher Education Act on Higher Education Institutions and on Amendments to Certain Acts, and the UNIZA Directive No. 243.
- the amount of the tuition fee for study programmes accredited in English /tuition/ in both full and part-time form of study is €3,500 per academic year in accordance with the Higher Education Act.

GRADUATE PROSPECTS

DOCTORAL DEGREE STUDY PROGRAMMES

THEORY AND CONSTRUCTION OF BUILDING STRUCTURES

(Field of study 3659 Civil Engineering)

The graduate of the doctoral degree study is a highly qualified expert in the study programme Theory and Construction of Building Structures with the main focus on the theory of design of architectural structures of buildings and their components with theoretically justified creation of progressive building envelopes and their details in accordance with world development trends. The graduate of the study programme, based on the acquired theoretical engineering knowledge, understood principles and mastered methods of the field is able to clearly formulate the scientific problem, subject and objective of research and development in the field of technology of architecture. He/she masters scientific methods of research and development of architectural structures of buildings, technology and climate of built-architectural environment of buildings and their production-technological processes in conditions of economic efficiency. He/she is able to clearly formulate the contribution of research outputs to the development of science in the field of study and to the construction-architectural practice and is capable of independent scientific work. The graduate of the study programme has acquired extended knowledge of mathematics and building physics. He/she has deepened the already acquired knowledge in the field of the theory of preparation, design, construction and reconstruction of building structures. He/she has expanded his/her knowledge in the field of the diagnostics and pathology of buildings, evaluation of energy performance of buildings, strategy for the restoration of buildings, as well as in the field of intelligent building technology and environmental science. The level of knowledge ensures his/her ability to solve problems of management of buildings on a scientific basis. He/she can scientifically analyse problems and propose his/her own solutions in his/her area of expertise. The graduate of the doctoral degree study is employable mainly in research institutions, science parks, research centres as an independent or senior researcher at universities, in the development of science and technology in architecture or in corporate research and development. He/she is also employable in top management positions, in project teams of different nature. He/she is qualified to work in investor organisations, construction companies and in consulting and advisory companies.

THEORY AND CONSTRUCTION OF ENGINEERING STRUCTURES

(Field of study 3659 Civil Engineering)

The graduate is a highly qualified expert in the study programme Theory and Construction of Engineering Structures with a main focus on the theory of design and analysis of engineering structures, transport and civil engineering structures and their components. He/she is able to creatively apply the principles of scientific research, propose new approaches and improve the existing methods of the theory of engineering structures. He/she masters the progressive tools of design theory and technology of construction of engineering structures, as well as the methodology of their diagnostics and rehabilitation. The theoretical knowledge acquired in the course of the study can be applied in the experimental analysis of the behaviour of engineering structures and in their combination with model solutions and results of numerical simulations. The graduate of the doctoral degree study will find employment especially in research institutions, science parks, research centres as an independent or leading researcher, at universities in the development of science of engineering structures and transport structures or in corporate research and development. He/she is also employable in top management positions, in project teams of different nature. He/she is qualified to work in investor organisations, construction companies and in consulting and advisory companies. The content and structure of the study programme follows the study programmes of the master´s (engineering) degree study at the Faculty of Civil Engineering UNIZA in the field of study Civil Engineering Structures. These correspond to the structure and scope of the subjects required by the Slovak Chamber of Civil Engineers to acquire a professional qualification to perform the position of an authorized (chartered) civil engineer. By completing the study programme and earning the third degree of higher education, the graduate has obtained a sufficient basis upon which he/she can apply for the relevant authorization after completing appropriate practice.

CONSTRUCTION MANAGEMENT

(Field of study 3659 Civil Engineering)

The graduate is a highly qualified expert in the field of civil engineering with a main focus on the theory of construction management. He/she masters scientific methods of research and can creatively apply existing methods and theories in the field. He/she is able to apply the theoretical knowledge gained by studying the methodology of scientific work in the preparation and implementation of scientific experiment. He/she is able to carry out research activities with regard to the

ethical and social aspects of scientific activities and their contribution to practice. He/she masters progressive methods of mathematical-computer simulations on the basis of which he/she is able to optimise the system of design of construction technologies. The graduate is able to use the knowledge of diagnostics and probability theory in order to design the optimisation of maintenance, repairs and reconstructions of buildings. He/she is able to optimise technological processes in relation to the life cycle of buildings, their lifetime and environmental aspects. The graduate is able to apply his/her knowledge in order to increase the safety of operation of traffic structures. He/she is employable in investor organisations of state administration, regional self-government and municipalities, in construction companies, consulting and advisory companies, in research and in organizations dealing with administration of structures. He/she finds employment in the field of investment preparation, preparation and construction of buildings, economic analysis and studies and asset management. The graduate can also be employed in the preparation and management of investment projects in civil engineering. He/she is competent to work in scientific and research institutions and at higher education institutions/ universities. By completing the study programme and earning the third degree of higher education, the graduate has obtained a sufficient basis upon which he/she can apply for the relevant authorization after completing appropriate practice.