



**FACULTY OF MANAGEMENT SCIENCE AND INFORMATICS**

**BACHELOR'S DEGREE STUDY**

# UNIVERSITY OF ŽILINA IN ŽILINA

## Faculty of Management Science and Informatics

### CONTACT

**University of Žilina in Žilina**  
**Faculty of Management**  
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## ACCREDITED STUDY PROGRAMMES OFFERED FOR THE AKADEMIC YEAR 2020/2021

BACHELOR'S DEGREE STUDY PROGRAMMES	
FULL-TIME STUDY	PART - TIME STUDY**
LENGTH OF STUDY 3 YEARS	LENGTH OF STUDY 4 YEARS
Informatics *	-
Information and Network Technologies***	-
Informatics and Management*	-
Management	Management
Computer Engineering*	-

*\* study programme is taught in the Slovak language or in the English language*  
*\*\* standard tuition fee for part-time study programmes is € 700 for an academic year*  
*\*\*\* in the process of accreditation, the result will be published at [www.fri.uniza.sk](http://www.fri.uniza.sk)*

**Detailed information about 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
Informatics / Informatics	280	-
Information and Network Technologies / Informatics	60	-
Informatics and Management / Informatics	60	-
Management / Economic and Management	100	20
Computer Engineering / Informatics	60	-
<b>TOTAL</b>	560	20

In case of a small number of applicants, the Faculty retains the right not to open the study programme and to offer candidates another study programme in the same or related field of study.



## TERMS AND CONDITIONS OF ADMISSION

### Basic condition of admission

The basic condition for the admission to the bachelor's degree study programme (first degree) is the full completion of secondary education or full secondary vocational education (Higher Education Act, n.131/2002 Coll.). In case of a foreign applicant or a student who has completed a secondary education abroad, the education is comparable with an education completed by a school leaving examination in the Slovak Republic. Applicant who has completed secondary education abroad will submit along with the application form or more precisely no later than the date of enrolment a document on completion of secondary education recognized by a relevant institution in the Slovak Republic.

### Other conditions of admission

#### 1. No entrance exams

- applicants who passed the external part of their school leaving examination in mathematics or SCIO tests of general education prerequisites or mathematics and their score was 60 or higher,
- applicants from secondary grammar schools, secondary vocational schools, associated schools and academies who have reached the average mean of marks at the year-end report for the penultimate year of study (not the final year) up to 1.7 (inclusive),
- applicants who are holders of official industrial certificates at CCNA level and higher,
- applicants who have obtained a certificate of successful completion of professional training courses organized by the Faculty,
- secondary school graduates who were during their secondary school study successful solvers of Olympiad, Students' Professional Activities (SPA) or international and national competitions listed in the table and participated in a regional or national round.

Olympiad	Competitions	
	Name	Category
Mathematics Physics Informatics Young accountant	NAG or NetRiders	UNI, PT
	First Lego League (FLL)	
	RoboCupJunior	
	ZENIT	Category A and B: Programming, Web, Microelectronics
	Students' Professional Activities (SPA) (SOČ)	02 – Mathematics, physics, 11 – Informatics, 12 – Electrical engineering and hardware 15 – Economics and management

Compliance with one of the conditions mentioned in (a) to (e) above is sufficient for admission without entrance exams.

## 2. Entrance exams

Other secondary school graduates who do not meet the conditions for being admitted without entrance exams will be admitted on the basis of the results of entrance exams according to the order of points achieved until the faculty capacity is full. In the entrance exams, applicants will have to take a test in Mathematics in the scope of secondary school curriculum and their ability of general logical thinking will be tested as well.

In case the applicant wants to apply for more than one study programme it is satisfactory to indicate his/her order of preference in application form and only **one admission fee** payment is required. If the applicant succeeds in the entrance exams he/she will be admitted in order of preference for the study programme whose requirements are met.

### Rules of admission procedure

After the deadline for submitting the application forms, the Faculty sends invitations to all applicants. In addition to detailed information about the course of the entrance exams the invitation also includes an identification code of each applicant and a number of the room where the examination will be held. After registration and verification of the fulfilment of the condition according to the provision of §56 Subsection 1 of the Act, the applicant takes the test in mathematics and logical thinking in a period of 180 minutes. Upon completion, all the tests are scanned, automatically evaluated, and **preliminary test results are available even on the day of the examination** on the website <http://vzdelavanie.uniza.sk/prijimacky/>.

Applicant will gain access to his/her results after entering his/her name and the identification code. After the admission procedure is finished, applicant gain access not only to his/her results but also to the complete assignment of solved tests with the correct answers. A written decision about the result of the entrance exams is sent by the Dean 's Office within 14 days from the date of the entrance exams.

3. Language competence – written and oral command of Slovak or Czech; studying at the Faculty, including the possibility of passing some of its parts in higher grades abroad, requires candidate's knowledge of at least one world language at least to the extent of secondary school curriculum.
4. Health certificate – the Faculty does not require health certificates of medical fitness for university study and accepts applications without health certificates.



## ADMISSION OF FOREIGN STUDENTS

The basic and other 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. **Foreign applicants (except for applicants from the Czech Republic) who want to study in the state language are required to pass a Slovak language test with at least B1 level\***. The language test is carried out on the day of the entrance exams and its successful completion is a condition for admission to the study \*\*.

Foreign students who study in the Slovak language do not have to pay the tuition fee. Applicants from the Czech Republic who want to apply and study in Žilina can use the application form valid in the Czech Republic. For foreign applicants who were accepted on the basis of intergovernmental agreements, bilateral agreements or Slovak government grants, terms and conditions stated in respective documents are applicable.

*\*Passing the language test may be waived for applicants who have obtained the required level of Slovak language at a language school. The decision on the exemption from the language test is taken by a guarantor of a study programme on the basis of submitted certificate from a language school.*

*\*\* In the case of non-admission to the study due to unsuccessful completion of the language test, the applicant may submit a request for review of the decision on the result of admission procedure, in which he/she undertakes to improve the language skills during the first year of study through successful completion of language training (language school or the Slovak language course at UNIZA). In reviewing the decision, the secondary school study results and the results of entrance exams (or more precisely meeting the conditions for admission without entrance exam) will be taken into account.*



## APPLICATION FORM

If the applicant wants to **apply for more than one study programme** it is satisfactory to indicate their order of preference in **one application form submitted** whereas only **one admission fee** payment is required.

Applicants have to fill in the form Prihláška na vysokoškolské štúdium - 1. Stupeň (application for university study) 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/>. In case of electronic application form it is necessary to follow instructions as specified in the system of Electronic Application Form.

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

- Curriculum Vitae,
- proof of payment of the admission fee,
- another enclosure to demonstrate compliance with the relevant admission condition without the entrance exams.

#### Admission fee:

Send **20 €** to: Žilinská univerzita v Žiline, Univerzitná 1, 010 26 Žilina  
 Bank: Štátna pokladnica  
 IBAN: SK96 8180 0000 0070 0026 9909  
 const. symbol: 0308  
 variable symbol: 10531 – 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 along with the traditional application form; in case of an electronic application form the scanned copy of the payment proof is to be uploaded to the system of Electronic Application Form.

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: **SK96 8180 0000 0070 0026 9909**. In the absence or failure of entrance exams, the Faculty does not refund the admission fee.



## USEFUL DATES

Open Day	ONLINE <sup>2</sup> Open Day	Deadline for submitting the application form	Entrance exams
February, 13, 2020 from 10:00 a.m.	November, 13, 2019 from 4 p.m. to 9 p.m. March, 12, 2020 from 4 p.m. to 9 p.m.	until March, 31, 2020	June, 11, 2020

<sup>2</sup>Online Open Day takes place online via the application located on the website of the Faculty <http://www.fri.uniza.sk>



## ACCOMMODATION

Accommodation facility of the University of Žilina in Žilina provides accommodation according to the accommodation capacity, taking into account the distance of the student's residence from the university. **Student accommodation facilities cost approx.: € 41 € – € 51 per month.**



## BOARD

Students can use services of catering facilities of the University of Žilina in Žilina. **Price for food: 1,10 € – 2,40 €.**



## SCHOLARSHIPS

Students of all study programmes can obtain motivational scholarships (for excellent results or exceptional achievements) in accordance with the stated criteria. **Students of study programmes Informatics, Informatics and Management, Information and Network Technologies and Computer Engineering can obtain motivational departmental scholarships in accordance with the stated criteria.**



## FOLLOW-UP STUDY AFTER COMPLETION OF BACHELOR'S DEGREE STUDY

There is a possibility for continuing bachelor's degree study within the follow-up master's (engineer) degree study programmes at the Faculty of Management Science and Informatics UNIZA in the academic year 2020/2021 - **Information Systems, Biomedical Informatics, Intelligent Information Systems, Applied Network Engineering, Information Management, Computer Engineering** (respective information about particular study programmes is available at the university website). After completing the bachelor's degree, it is necessary to verify the current state of the offer of study programmes in a particular academic year.



## GRADUATE PROSPECTS

### BACHELOR'S DEGREE STUDY PROGRAMMES

#### INFORMATICS

##### (Field of study Informatics)

Graduates of the bachelor's study programme Informatics will acquire basic knowledge of informatics. They are able to work with software of information systems in businesses, to participate in its creation and implementation; they also gain knowledge of how to run a business. They are employable in all sectors of industry, public administration, the private sector and as sole traders. The study programme prepares experts in computer technology who are able to apply modern information technologies, and creates conditions for their further qualification growth in the field of informatics during the master's degree study.

#### INFORMATION AND NETWORK TECHNOLOGIES I

##### (Field of study Informatics)

The graduate of the study programme will gain knowledge in the field of computer systems architectures, circuit solutions, fixed and wireless networks, security and ensuring of computer communication, principles and management of operating systems and solutions of virtualization, general and special programming techniques. Graduate master not only the latest technologies, he/she is also ready to adapt quickly to the emerging technologies. Graduate understands the principles and theoretical foundations of the field and is able to apply them creatively in practice. He/she is ready to develop non-traditional ICT applications and implement new technologies in the field of computer systems and networks. The study programme is designed to provide students with the possibility to choose the subjects from a wide range of subjects belonging to the field of computer systems and networks, and profile themselves into one of two offered fields: network technologies or information technologies.

#### INFORMATICS AND MANAGEMENT

##### (Field of study Informatics)

Graduates of the study programme will acquire the necessary knowledge of informatics. They will be able to participate in

the program implementation and operation of information systems in economic objects at all levels of management. They will gain knowledge especially from the field of informatics, but also to the necessary extent from the area of business management with the use of modern information technologies, thus they can flexibly adapt to the requirements of the labour market, or independently run a business in the field of informatics. This knowledge will enable them to work, for example, such as: a programmer capable of implementing projects of information systems; a programmer of WWW applications of corporate intranets; an IT engineer - a consultant capable of dealing with IT problems in companies.

## **MANAGEMENT**

### **(Field of study Economics and Management)**

Graduates of the bachelor's study programme Management have acquired key knowledge, skills and competences in the field of management disciplines. They are employable as senior employees (managers) at lower and middle level management of both production and non-production organisations. They will become qualified professionals able to analyse existing problems in the systems of management of organisations, prepared to design their solutions creatively, able to improve and optimise processes in organisations in order to create new values and to achieve synergies and strategic competitive advantages.

## **COMPUTER ENGINEERING**

### **(Field of study Informatics)**

Graduates of the bachelor's study programme Computer Engineering are prepared to continue their study at the master (engineer) level or they are employable in enterprises and institutions in the design, implementation, operation, maintenance and upgrading of computer systems, means of communication technology, industrial automation, measurement and diagnostic equipment and the like. They are experts in the development of digital systems based on microprocessors and programmable circuits that allows them to work such as developers, designers or technologists.

## **ADDITIONAL EDUCATIONAL ACTIVITIES**

Within the teaching process, students of the Faculty have the possibility to obtain Cisco Certified Network Associate certificates under the Network Academy. It has been successfully operating at the Faculty for 20 years. In 2015, it was recognized as the best academy in providing CCNP courses in the region of Central Europe (Europe-Central/Russia/CIS Recipients) and was awarded the CCNP Academy Curriculum Excellence Award. The Faculty also runs a similarly focused Juniper Academy. Students of the Faculty thus have an opportunity to obtain globally recognized certificates (CISCO CCNA, CompTIA+, Juniper JNCIA/JNCIS, Fortinet NSE and others) and they can undertake various internships and study visits or to take part in various international competitions. After graduating, the graduates have sufficient knowledge to start their own start-up business.