



# UNIVERSITY OF ŽILINA

## Faculty of Management Science and Informatics

# BACHELOR'S DEGREE STUDY

### CONTACT

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## ACCREDITED STUDY PROGRAMMES OFFERED FOR THE ACADEMIC YEAR 2025/2026

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

*\* tuition fee for part-time study programmes is € 1, 100 per academic year*

#### Detailed information about the study programmes:

- curriculum,
- course information sheets





## EXPECTED NUMBER OF ADMITTED STUDENTS FOR 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	100	-
Informatics and Management / Informatics	100	-
Management / Economics and Management	100	20
Computer Engineering / Informatics	80	-
<b>TOTAL</b>	<b>660</b>	<b>20</b>



## ADMISSION REQUIREMENTS

### The fundamental admission requirement

The fundamental admission requirement for the Bachelor's degree study (undergraduate study programme) is the full completion of secondary education or full secondary vocational education (Higher Education Act, No.131/2002 Coll. as amended). In the case of a foreign applicant or a student who completed secondary education abroad, the education is comparable to that completed by a school leaving examination in the Slovak Republic. An applicant who completed secondary education abroad shall submit the nostrification of study recognized by a relevant institution in the Slovak republic, along with the application form, no later than on the date of enrolment.

### Other conditions of admission

#### 1. No entrance examination. The faculty will accept applicants who meet the following criteria:

- they passed the external part of their school leaving examination in Mathematics or SCIO tests in Mathematics and scored 60% percentile and above.
- they passed SCIO tests of general study prerequisites and scored 70% percentile and above,
- they are applicants from grammar schools, secondary vocational schools, associated schools and academies who have reached the arithmetic mean of grades in the end of year report for the penultimate year of study (not the final year) up to 1,7 inclusive,
- they are applicants who are holders of official industrial certificates of CCNA level and above,
- they are applicants who have obtained a certificate of successful completion of professional training courses organized by the faculty and reached the arithmetic mean of grades in the end of year report for the penultimate year of study (not the final year) up to 2,0 inclusive,
- secondary school graduates who during their secondary school study were successful participants of the Olympiads, Students' Professional Activities (SPA, *in Slovak SOČ*) or international and national competitions listed in the table below and participated in the regional or national round.

NAME OF COMPETITION	CATEGORY
NAG or NetRiders	UNI, PT
First Lego League (FLL)	
ZENIT	Category A and B: Programming, Web, Microelectronics
Students' Professional Activities (SPA)	02 – Mathematics and Physics, 11 – Informatics, 12 – Electrical Engineering Hardware and Mechatronics, 15 – Economics and Management

**Compliance with one of the conditions mentioned in a) to g) is sufficient for an admission without entrance examination.**

## 2. Entrance examination

Other secondary school graduates who do not meet the admission requirements without the entrance examination will be accepted based on the result of the entrance examination in the order of the total number of points achieved until reaching the capacity of the faculty. The applicants will be also tested in General Logical Thinking Skills during the entrance examination in a form of a test.

Applicants who would like to apply for more than one study programme shall indicate their order of preferences in the application form. In that case they only **pay one admission fee**. If they are successful in the entrance examination, they will be admitted in the order of preferences for the study programme whose requirements are met.

### Terms and conditions of the admission procedure

After the application deadline, the Faculty will send the invitation letter for the entrance examination to all the applicants containing detailed information about the entrance examination, as well as the assigned identification code of the candidate and the number of the room in which they will take the entrance examination. After the registration and verification of compliance with the conditions under the provisions of Section 56 (1) of the Higher Education Act, the applicant will take a test in Mathematics and General Logical Thinking skills within a time limit of 120 minutes. Upon completion, the tests are scanned, evaluated automatically, and preliminary results are published on the day of the entrance examination on the website <http://vzdelavanie.uniza.sk/prijimacky/>.

The candidates will gain access to their results by entering their surname and the identification code. After the admission procedure is closed, the candidate will see the results of the entrance examination plus complete solved tests with indicated correct answers.

The Dean's office of the faculty will deliver a written decision on the result of the entrance examination to the applicant within 14 days from the date of the entrance examination.

**Language competences** – fluent in Slovak or Czech language. Studying at the Faculty requires the candidate's knowledge of at least one foreign language to the extent of the secondary school curriculum, as there is a possibility of studying abroad.

**Medical certificate** – The Faculty does not require medical certificate of medical fitness for the university study and accepts application form without medical certificates.



## ADMISSION OF FOREIGN STUDENTS

The foreign applicants have the same admission requirements as those from Slovakia.

Foreign students who study in a different language other than Slovak, pay the tuition fee as stated in Section 92 (8) of the Higher Education Act. The tuition fee is specified by the UNIZA guidelines and published for the respective academic year 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 Institute of Longlife Learning will publish the test dates, both present and online. Only applicants who passed it successfully, will be admitted for study at the faculty.

When the applicant has passed his test successfully at the Institute of Longlife Learning in the past, we will accept that result. 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 form for study. 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.

\* *Passing the language test may be waived for applicants who have obtained the required level of the Slovak language at the language school IC Centre s.r.o. The guarantee of the study programme will take that decision based on the provided certificate.*



## APPLICATION FORM

**In the case of applicants who want to apply for more than one study programme, they should submit just one application form and pay only one admission fee.**

The preferences for each study programme is indicated by the order directly in the application form.

Applicants fill in the application form Prihláška na vysokoškolské štúdium – 1. stupeň (Application form for the first 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/> or on the Portal VS (University Portal): <https://prihlaskavs.sk/sk/>. In the case of electronic application form it is necessary to follow the instructions specified in the system of Electronic Application Form.

### Attachments for the Bachelor's degree application form:

- curriculum vitae,
- the end of year report for the penultimate year of study,
- proof of payment of the admission fee,
- the school leaving examination certificate, if they finished secondary school studies in the previous years,
- another attachment to prove compliance with the relevant condition for the admission without an entrance examination.

### Admission fee:

€ 20 to be sent 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:

The payment can be made by a bank transfer or postal order to the above account.

### Proof of payment:

In case of a paper application form the proof of payment will be sent to the address of the faculty with the application form; in case of an electronic application form the scanned copy of the proof of payment will be uploaded in 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 event of non-participation in the admission procedure or a failure in the admission procedure, the Faculty does not refund the admission procedure fee.



## USEFUL DATES

Open Day	ONLINE <sup>2</sup> Open Day	Deadline for submitting the application form	Entrance examination
13 February 2025 from 10:00 a.m.	20 November 2024 from 4 p.m. to 9 p.m. 12 March 2025 from 4 p.m. to 9 p.m.	until 31 March 2023	5 June 2025

<sup>2</sup> Access to the ONLINE Open Day will be via application on the website of the Faculty <http://www.fri.uniza.sk>.



## 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. **Monthly accommodation fee: € 59 – € 71.**

## CATERING

Students can use the services of the catering facility of the University of Žilina. **Price for food: € 1.30 – € 4.80.**

## 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 field studies scholarships in accordance with the stated criteria.**

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

There is a possibility to apply for Master's degree study programmes at the Faculty of Management Science and Informatics at UNIZA in the academic year 2025/2026 – **Information Systems, Biomedical Informatics, Intelligent Information Systems, Applied Network Engineering, Information Management, Computer Engineering** (respective information about study programmes can be found on the University website). After the completion of the Bachelor's degree study, it is necessary to verify the current offer of study programmes in a particular academic year.

### ADDITIONAL EDUCATIONAL ACTIVITIES

During their studystudents of the Faculty have the opportunity to prepare for the Cisco Certified Network Associate industry certifications free of charge via CISCO Networking Academy centre based directly at the faculty. It has been successfully operating at the faculty for 20 years and in 2015 it was awarded as the best academy in providing CCNP courses in the Central Europe region (Europe-Central/Russia/CIS Recipients) and received the CCNP Academy Curriculum Excellence Award. The faculty also runs a similarly focused Juniper Academy, in the area of network security Fortinet Academy and in the area of clouds Amazon AWS Academy. The students of the faculty thus have the opportunity to obtain globally recognized certificates (CISCO CCNA/CCNP, CompTIA+, Juniper JNCIA/JNCIS, Fortinet NSE, AWS and others). The students of the Faculty can also obtain an academic certificate Introduction ADOIT. ADOIT is a tool for managing corporate IS/ICT. The students of the faculty can participate in various internships and study mobilities or participate in various international competitions. After the graduation, the graduates have gained sufficient knowledge to start their own start-up business.

## GRADUATE PROSPECTS

### BACHELOR'S DEGREE STUDY PROGRAMMES

#### INFORMATICS

##### (Field of study 2508 Informatics)

Graduates of this study programme will gain knowledge in Informatics, which will enable them to cope with growing demands of Science and Technology and Industry development. Their knowledge is much deeper than general Informatics literacy and business education. Theoretical base of study gives the graduates a longlasting knowledge, forms their way of thinking (exact and abstract thinking), helps them create an idea of a problem solving and complexity of solutions and gives them apparatus for formal description of systems. The theoretical base of the study is then topped up with courses enabling students deeper specialisation in a particular area of Informatics. After graduation they can implement the gained knowledge and skills into practise. Graduates are able to create programme applications of small range and complexity independently and to participate effectively in implementation of big systems following the exactly given assignments. They can find a job at different level of management in software companies, industry businesses, public and private education, banking, transport, healthcare, ecology,...They are able to implement, install and operate complex systems, work in an implementation team, expand, adapt and localise systems of digital and information technologies. They can cooperate with system users and

specialists of other professions. They will gain a blend of knowledge primarily in the area of Informatics, but also in the area of business systems, to the essential range, enabling them adjust to the work requirements and requirements of the human resources market flexibly, alternatively to run their own business in the area of Informatics.

## **INFORMATION AND NETWORK TECHNOLOGIES**

### **(Field of study 2508 Informatics)**

Graduates of the study programme will gain knowledge in the areas of architecture of computer systems, circuit solutions, fixed and wireless networks, security and provision of computer communication, principles and reports of operation systems, virtualisation solutions, and generic and specified techniques of programming. They will be confident users of the existing technologies but will also be ready to adapt quickly to the newly implemented technologies. They will understand the principles and theoretical fundamentals in the field of information and communication technologies and will use them creatively in practise. The graduates will be ready for the development of unconventional applications of information and communication technologies and the implementation of new technologies in the area of computer systems and networks. The study programme gives students the opportunity to choose from a wide range of subjects relating to computer systems and networks focusing on one of the two areas offered: network technologies or information technologies.

## **INFORMATICS AND MANAGEMENT**

### **(Field of study 2508 Informatics)**

This programme gives the graduates essential knowledge in the field of informatics, they will be able to participate in programme implementation and operation of information system in business at all levels of management. They will primarily gain knowledge in the field of informatics, but they will also gain knowledge in the field of management of business, to the essential range, using the modern information technologies. That will help them effectively adapt to the demand of the human resources market or as a sole businessman in the area of IT. The gained knowledge will help them become successful as a programmer carrying out the implementation of information system projects, a programmer of web applications for business intranets or as a consultant capable of solving the informatics problems in a business.

## **MANAGEMENT**

### **(Field of study 6213 Economics and Management)**

Graduates of the Bachelor's degree programme of Management will gain the core knowledge, skills and competences in the area of managerial disciplines. They will be able to find a job as low level/ middle level managers in manufacturing companies or services. They will become qualified experts capable of analyzing the existing problems in the systems of management in companies, ready to creatively propose solutions to those problems, to improve and optimize processes in companies in order to create new values and achieve synergies and strategic competitive advantages.

## **COMPUTER ENGINEERING**

### **(Field of study 2508 Informatics)**

Graduates of the Computer Engineering programme will be ready to continue in Master's degree programmes. They can find a job at different levels of management in companies focusing on the development and implementation and operation of information technologies, in industry, education, banking, transport, healthcare, ecology...They can implement, install and operate business systems, work in an implementation team, expand, adjust and locate systems of numeral and information technologies. They can cooperate with other users of systems and specialists of other professions. They will be able to find a job in the field of digital systems development based on microprocessors and programmable devices that will also enable them to work as developers, designers or technologists.