



# FACULTY OF MANAGEMENT SCIENCE AND INFORMATICS MASTER'S DEGREE STUDY

## UNIVERSITY OF ŽILINA Faculty of Management Science and Informatics

### CONTACT

#### University of Žilina

#### Faculty of Management Science and Informatics

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<http://www.fri.uniza.sk>

<http://www.budfri.sk>

#### All the questions concerning your studies will be answered at the Department of Studies:

Tel.: 041/513 40 73, 40 74

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

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## ACCREDITED STUDY PROGRAMMES OFFERED FOR THE ACADEMIC YEAR 2019/2020

MASTER'S DEGREE STUDY PROGRAMMES	
FULL-TIME	PART-TIME **
LENGTH OF STUDY 2 YEARS	LENGTH OF STUDY 3 YEARS
Information Systems *	-
Intelligent Information Systems *	-
Applied Network Engineering *	-
Information Management	Information Management
<i>* study programme is available in the Slovak as well as in the English language</i>	
<i>** the standard tuition fee for part-time study programmes is 800 € 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

MASTER'S STUDY PROGRAMMES		
STUDY PROGRAMME / FIELD OF STUDY	PLANNED CAPACITY	
	FULL-TIME	PART-TIME
Information Systems / Information Systems	80	-
Intelligent Information Systems / Information Systems	20	-
Applied Network Engineering / Information Systems	20	-
Information Management / Management	60	20
Computer Engineering / Computer Engineering	40	-
<b>TOTAL NUMBER</b>	220	20



## TERMS AND CONDITIONS OF ADMISSION

- **The fundamental prerequisite** of being accepted to the master's degree study programme (study programme of the second degree) is the full completion of university education of the first degree or university education of the second degree as stated in § 56 Subsection 2 (Higher Education Act, n.131/2002 Coll.).
- **The next prerequisite** of being accepted to the master's degree study programme is the full completion of study programme of the first degree in the same or related field of study. In case of a different field of study, the guarantor of the study programme decides on the fulfilment of the stated condition.
- **Language competence** – for study programmes that are carried out by the faculty in the Slovak language, written and oral command of Slovak or Czech is required at least at level B1. Knowledge of at least one foreign language (English, German, French) is welcome. For study programmes that are carried out by the faculty in the English language, written and oral command of English is required at least at level B1. The language test is carried out on the day of entrance exams and its successful completion is a prerequisite for admission. Passing the language test may be waived for applicants who have obtained the required level of the 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 study due to unsuccessful completion of the language test, an 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.
- 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. For the academic year 2019/20 the tuition fee is 3500 €.
- Students from abroad who study in the Slovak language do not have to pay the tuition fee.
- 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.



## FORMS OF ADMISSION

### 1. No entrance exams

Applicants who successfully passed prescribed subjects during their bachelor study (or their equivalent according to the course information sheets) may apply in writing to the Dean of the Faculty for waiving the entrance exams. The written request is a part of the application form and is listed on the website of the Faculty of Management Science and Informatics UNIZA.

## 2. Entrance exams

Other bachelor graduates who do not meet the requirements of being accepted without entrance exams will be accepted according to their ranking based on weighted average of their bachelor degree study results (in which classification of entrance exams subjects is included as well) until the Faculty's capacity is reached.

At the entrance exam in the form of a written test each applicant's knowledge in a range of subjects prescribed for the given master's degree study programme is being verified. The prescribed subjects for the entrance exam for the first year of a two-year master's degree study are the following:

STUDY PROGRAMME	PRESCRIBED SUBJECTS
Information Systems	5BA130 Probability and Statistics
	5UI124 Algorithms and Data Structures 1
Intelligent Information Systems	5BA130 Probability and Statistics
	5UI124 Algorithms and Data Structures 1
Computer Engineering	5BH120 Computer Engineering
Information Management	5BM125 Management 1
Applied Network Engineering	5BA130 Probability and Statistics
	5BN103 Computer Networks 1
	5BN104 Computer Networks 2
	5US104 Process Analysis
	5US104 Process Analysis

### Rules of Selection Procedure

After the deadline for submitting the application forms, the Faculty sends out invitations to all applicants. In addition to detailed information about the course of the entrance exams, the invitation also includes the number of the room where the examination will be held. After registration each applicant completes the test in subjects prescribed for the master's degree study programme within the stated time limit. Test results are published on the day of the examination on the website <http://vzdelavanie.uniza.sk/prijimacky/>. All applicants get access to their results after entering their name and an identification code. A written decision about the result of the entrance examination is sent to each applicant by the Dean's Office by July, 31, 2019.

Students who fail the entrance exams can be accepted for the 3-year conversion master's degree study programme.

Applicants are accepted for **the 3-year conversion master's degree study programmes** without entrance exams on the basis of the weighted average of their undergraduate (Bachelor) study results.



## HOW TO APPLY

**If the applicant wishes 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 - 2. 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/>. In case of the electronic application form it is necessary to follow instructions as specified in the system of Electronic Application Form.

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

Graduates from the Faculty of Management Science and Informatics UNIZA:

- proof of payment of the admission fee,
- filled in form for projects for master's degree studies,
- request for waiving the entrance exams in case the applicant has successfully passed the prescribed subjects during his/her Bachelor studies.

Graduates from other faculties:

- proof of payment of the admission fee,
- preliminary list of study results confirmed by the Department of Studies of respective faculty,
- request for waiving the entrance exams in case the applicant has successfully passed the prescribed subjects during his/her Bachelor studies.

Graduates from other faculties are obliged to deliver or send by post a certified copy of the successful completion of the Bachelor's degree study, a diploma supplement and a final, certified transcript of completed subjects with their classification to the Study Department no later than June, 30, 2019.

**Admission fee:**

Send 20 € to:

Žilinská univerzita, Univerzitná 1, 010 26 Žilina

Bank: Štátna pokladnica

IBAN: SK96 8180 0000 0070 0026 9909

const. symbol: 0308

variable symbol: 10532 - masters study

**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 the electronic application form the scanned copy of the proof of payment is to be uploaded to the system.

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.

**USEFULL DATES**

Open Day	ONLINE <sup>1</sup> Open Day	Deadline for submitting the application form	Entrance exams
February, 14, 2019 from 10:00 a.m.	November, 14, 2018 from 4 p.m. to 9 p.m. March, 13, 2019 from 4 p.m. to 9 p.m.	until March, 31, 2019	June, 6, 2019

<sup>1</sup> Online Open Day takes place online via the application located on the website of the faculty <http://www.fri.uniza.sk>

**ACCOMODATION**

Student accommodation facilities cost approx.: **70 € - 140 € per month.**

**BOARD**

Students can use services of catering facilities of the University of Žilina in Žilina. **Price for food: 9 € per day.**

**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 Information Systems, Intelligent Information Systems, Applied Network Engineering and Computer Engineering can obtain motivational departmental scholarships in accordance with the stated criteria.

**FOLLOW-UP STUDIES AFTER COMPLETION OF MASTER'S DEGREE STUDIES**

There is a possibility of extended studies within follow-up doctoral degree programmes at the Faculty of Management Science and Informatics UNIZA in the academic year 2019/2020 – Applied Informatics, Intelligent Information Systems, Management (respective information about particular study programmes is available at the university website). After completing the master's degree, it is necessary to verify the current state of the offer of study programmes in a particular academic year.



## GRADUATE PROSPECTS

### MASTER'S STUDY PROGRAMMES

#### INFORMATION SYSTEMS

##### (Field of study 9.2.6 Information Systems)

Master's degree study in the study programme Information Systems prepares graduates to find and present their own solutions in research, development, design and implementation of software tools to support decision making, design of information and computer systems. After graduation, the graduate is competent to lead, adapt and implement modern information technologies in various application areas and to work efficiently as an individual and/or as a team member or a team leader.

#### INFORMATION MANAGEMENT

##### (Field of study 3.3.15 Management)

Theoretical knowledge, practical skills and competences of graduates integrate the field of management, marketing management, economy, economics and informatics with the field of business and design of management systems. Graduates of the study programme Information Management are able to use the knowledge and skills of system approach in decision-making management processes in managing the organization and its parts. They know how to apply modern information and communication technologies in solving the difficult problems of management and in the use of information and communication systems. They are able to demonstrate their abilities in supervisory and management positions in service-oriented manufacturing and business organisations or in the public sector.

#### COMPUTER ENGINEERING

##### (Field of study 9.2.4 Computer Engineering)

Graduates in Computer Engineering are employable as solvers of complex projects in research and development institutions focusing on the area of computer systems. They are also qualified to work in companies dealing with development and deployment of computers and digital systems in all areas of the economy. Graduates are also employable as developers of embedded systems based on microcomputers, FPGA circuits and other peripheral devices. Graduates of the study programme Computer Engineering are ready to continue their third level studies (doctoral study).

#### INTELLIGENT INFORMATION SYSTEMS

##### (Field of study 9.2.6 Information Systems)

Graduates of the study programme Intelligent Information Systems will gain advanced knowledge in informatics and are able to use their competences at different levels of management in software companies, industrial businesses, in the educational system, both in public as well as private sector, banking, transport, health institutions, ecology etc. Moreover, they can apply for the positions of application software developers, systems analysts and programmers.

#### APPLIED NETWORK ENGINEERING

##### (Field of study 9.2.6 Information Systems)

Graduates of the study programme Applied Network Engineering will find employment on both domestic and international labour markets in various branches of private and public sector. They are practically employable in all industries that use methods and means of informatics and information and communication technologies to control and manage processes (industrial businesses, banking, transport, health, educational institutions, etc.). Graduates are prepared to continue their study in the doctoral study programmes (the third degree of higher education).