UNIVERSITY OF ŽILINA
Faculty of Management Science and Informatics

MASTER´S DEGREE STUDY

CONTACT

The University of Žilina
Faculty of Management Science and Informatics
Univerzitná 8215/1, 010 26 Žilina
Tel.: 041/513 40 61, 40 62
e-mail: studref@fri.uniza.sk
www.fri.uniza.sk
www.budfri.sk

All questions concerning study can be directed to the Department for Education:
Tel.: 041/513 40 73, 40 74, +421 917 373 582

Coordinator for work with students with specific needs:
RNDr. Zuzana Borčinová, PhD.
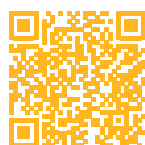Tel.: 041/513 42 79
e-mail: zuzana.borcinova@fri.uniza.sk

ACCREDITED STUDY PROGRAMMES OFFERED FOR THE ACADEMIC YEAR 2023/2024

MASTER´S DEGREE STUDY PROGRAMMES	
FULL-TIME STUDY	**PART-TIME STUDY****
LENGTH OF STUDY 2 YEARS	LENGTH OF STUDY 2 YEARS
Applied Informatics *	-
Biomedical Informatics *	-
Intelligent Information Systems *	-
Applied Network Engineering *	-
Information Management	Information Management
Computer Engineering *	-

* study programme is taught in the Slovak language or in the English language
** tuition fee for part-time study programmes is € 1, 350 for an academic year

Detailed information about the study programmes:
- curriculum,
- course information sheets

EXPECTED NUMBER OF ACCEPTED APPLICANTS TO THE FIRST YEAR

MASTER´S DEGREE STUDY		
STUDY PROGRAMME / FIELD OF STUDY	PLANNED CAPACITY	
	PART-TIME	**FULL-TIME**
Applied Informatics / Informatics	80	-
Biomedical Informatics / Informatics	20	-
Intelligent Information Systems / Informatics	40	-
Applied Network Engineering / Informatics	40	-
Information Management / Economics and Management	80	20
Computer Engineering / Informatics	40	-
TOTAL	300	20

TERMS AND CONDITIONS OF ADMISSION

Basic condition of admission

The basic condition for admission to the master's (engineering) degree study (study programme of the second degree) is the full completion of the first degree of higher education (Higher Education Act, No.131/2002 Coll. as amended). In case of a foreign applicant or a student who has completed his/her study abroad, he/she 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 first degree of higher education recognized by a relevant institution in the Slovak Republic or he/she shall ask UNIZA for the recognition of the certificate of education.

Other conditions of admission

1. No entrance examination

Those applicants who successfully completed the prescribed subjects (or their equivalent according to the course information sheets) during their bachelor's degree study may request in writing the Dean of the Faculty to waive the entrance examination. 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 examination

Other bachelor's degree graduates who do not meet the conditions for admission without entrance exams will be admitted according to a ranking based on the weighted study average of the bachelor's degree study (in which the classification of entrance examination subjects is included as well) until the capacity of the Faculty is reached.

At the entrance examination, knowledge within a range of subjects prescribed for the given master´s (engineering) degree study programme is being verified in the form of a test. The prescribed subjects of the entrance examination to the first year of a two-year master´s (engineering) degree study are the following:

STUDY PROGRAMME	PRESCRIBED SUBJECTS
Information Systems Biomedical Informatics Intelligent Information Systems	6UA0002 Probability and Statistics 6UI0004 Algorithms and Data Structures 1
Computer Engineering	6BI0025 Computer Engineering
Information Management	6UM0008 Management 1
Applied Network Engineering	6BI0026 Computer Networks 1 6BI0027 Computer Networks 2 6BI0028 Computer Networks 3 6UI0005 Process Analysis

Terms of the admission procedure

After the closing date for submitting the application forms, the Faculty sends the applicant an invitation to the entrance examination. In addition to detailed information on the course of the entrance examination, the invitation also contains the number of the room in which the applicant will pass the entrance examination. After the registration the applicant takes a test of the subjects prescribed for the given master´s (engineering) degree study programme within the set time limit.

The results are published on the day of the entrance examination on the website http://vzdelavanie.uniza.sk/prijimacky/. The candidate will gain access to his/her results by entering his/her surname and the identification code. The Dean's Office will send a written decision on the result of the entrance examination to each applicant by 31 July 2023.

Students who fail at the entrance examination can be admitted to the three-year conversion master´s (engineering) degree study programmes. Applicants are admitted to the **three-year conversion master´s (engineering) degree study programmes** without entrance examination on the basis of the weighted study average of their bachelor's degree study results.

🌐 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 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 examination and its successful completion is a condition for admission to study**.

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.

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 a language school. The decision on the exemption from the language test is taken by the guarantor of the 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 (a language school or the Slovak language course at UNIZA). In reviewing the decision, the secondary school study results and the results of entrance examination (or more precisely meeting the conditions for admission without entrance examination) will be taken into account.*

📄 APPLICATION FORM

In the event that the applicant wants to apply for more than one study programme, it is satisfactory to submit one application form whereas only one admission fee payment is required. The preference of individual study programmes is indicated by the order directly in the application form.

Applicants fill in the application form Prihláška na vysokoškolské štúdium – 2. stupeň (*Application form for the second 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 instructions as specified in the system of Electronic Application Form.

Attachments to the master's degree application form:

Graduates from the Faculty of Management Science and Informatics UNIZA:
- proof of payment of the admission fee,
- completed form for projects of the master´s (engineering) degree study,
- request for waiving the entrance examination in case the applicant has successfully passed the prescribed subjects during his/her bachelor study.

Graduates from other Faculties:

- proof of payment of the admission fee,
- preliminary list of study results confirmed by the department for education of a respective Faculty
- request for waiving the entrance examination in case the applicant has successfully passed the prescribed subjects during his/her bachelor study.

Graduates from other Faculties are obliged to deliver or send by post to the Department for Education no later than 30 June a certified copy of the certificate of successful completion of the bachelor´s degree study, a diploma supplement and a final, confirmed list of completed subjects with their classification.

Admission fee:
EU citizens **€ 20**
Non-EU citizens **€ 50**

To be sent to:	Žilinská univerzita v Žiline, Univerzitná 1, 010 26 Žilina
	Bank:	Štátna pokladnica
	IBAN:	SK96 8180 0000 0070 0026 9909
	Cons. symbol:	0308
	Variable symbol:	10532 – inžinierske štúdium
Payment method:	payment can be made by bank transfer or postal order to the above account.
Proof of payment:	in the case of traditional application form the proof of payment is to be sent to the Faculty address with the application form; in the case of an electronic application form the scanned copy of the proof of payment 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 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[1] Open Day	Deadline for submitting the application form	Entrance exams
16 February 2023 from 10 a.m.	9 November 2022 from 4 p.m. to 9 p.m. 15 March 2023 from 4 p.m. to 9 p.m.	until 31 March 2023	1 June 2023

[1] *ONLINE Open Day takes place online via the application located 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: € 41 – € 61**.

CATERING

Students can use the services of the catering facility of the University of Žilina. **Price for food: € 1.60 – € 4.20**.

SCHOLARSHIPS

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

FOLLOW-UP STUDY AFTER COMPLETION OF MASTER´S DEGREE STUDY

There is a possibility of extended studies within follow-up doctoral degree study programmes at the Faculty of Management Science and Informatics UNIZA in the academic year 2023/2024 – **Applied Informatics, Management** (the respective information on particular study programmes can be found on the university website).

GRADUATE PROSPECTS

MASTER´S DEGREE STUDY PROGRAMMES

APPLIED INFORMATICS
(Field of study 2508 Informatics)
Master´s (engineering) 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, information systems and computer systems. After graduation, the graduate is ready to lead, adapt and implement modern information technologies in various application areas and work efficiently as an individual or as a team member or a team leader.

BIOMEDICAL INFORMATICS
(Field of study 2508 Informatics)
Graduates of the study programme acquire knowledge of informatics and its applications in medicine and biomedicine. Thanks to this, they will be able to work at various levels of management and development in industrial enterprises, software companies and other institutions, in public as well as private sector dealing with analysis of data and medical data, creation of medical information systems and development of software for processing medical and biomedical data. Graduates of this study programme acquire the knowledge of informatics necessary for creating complex information systems and, in addition, they have an overview of typical problems in the field of development of software for medical practice that is used in healthcare or biomedical laboratories. With this knowledge, they are able to design, develop, implement, expand, adapt and locate large-scale information systems for general purposes as well as for special medical applications.

INTELLIGENT INFORMATION SYSTEMS
(Field of study 2508 Informatics)
Graduates of the study programme Intelligent Information Systems acquire advanced knowledge of informatics and tools for support of decision-making utilising modelling tools such as machine learning, computer simulation or optimisation. They are able to apply modern information technologies at various levels of management in software companies, industrial enterprises, banking, transport, healthcare, education, ecology and many other areas. In addition, they are employable as developers of application software, system analysts and programmers and are also prepared to continue their study in the doctoral study programmes of the third degree of higher education.

APPLIED NETWORK ENGINEERING
(Field of study 2508 Informatics)
Graduates of the study programme Applied Network Engineering acquire advanced knowledge in the field of information and communication systems, network technologies and infrastructure, design of communication network, system and network virtualization, integration and network security or creation of software of computer and network systems. Graduates are able to work in domestic and international labour market at various levels of management in software and telecommunications

companies, industrial enterprises, education system as well as in public and private sectors, in banking, transport, healthcare, ecology, etc. Graduates are prepared to continue their study in the doctoral study programmes of the third degree of higher education.

INFORMATION MANAGEMENT
(Field of study 6213 Economics and Management)
Graduates of the study programme Information Management acquired theoretical knowledge, practical skills and competences integrating the area of management, marketing management, economy, economics and informatics with the area of business and design of management systems. Graduates are able to utilise the knowledge and skills of system approach in decision-making management processes in managing the organization and its parts. They can apply modern information and communication technologies in solving 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 production, business, service-oriented organisations or in the state sphere.

COMPUTER ENGINEERING
(Field of study 2508 Informatics)
Graduates of the study programme Computer Engineering acquired a wide range of theoretical knowledge in areas related to computer engineering. Graduates are prepared to enter practical professional life, where they will find employment in the development and design of computer systems, the development of digital systems, system programming and the operation and management of computer systems, or they can continue their doctoral studies. They are prepared to solve theoretical problems and application tasks related to the development and design of digital systems based on microcomputers, programmable custom circuits and modules. These skills enable graduates to work as independent researchers, developers, designers, constructors or technologists in the process of research, development and production of control, communication, measurement and diagnostic systems. Graduates of the study programme Computer Engineering are prepared to continue their study in the doctoral study programmes of the third degree of higher education.