



**FACULTY OF OPERATION AND ECONOMICS  
OF TRANSPORT AND COMMUNICATIONS  
MASTER'S DEGREE STUDY**

# UNIVERSITY OF ŽILINA

## Faculty of Operation and Economics of Transport and Communications

### CONTACT

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**All the questions concerning your studies will be attended at the Department of Studies:**

Tel.: 041/513 30 53, 30 54, 30 55, 30 56

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

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## ACCREDITED STUDY PROGRAMMES OFFERED FOR THE ACADEMIC YEAR 2020/2021

MASTER'S DEGREE STUDY PROGRAMMES	
FULL-TIME	PART-TIME **
LENGTH OF STUDY 2 YEARS	LENGTH OF STUDY 3 YEARS
Railway Transport	Railway Transport
Road Transport	-
Air Transport	-
Water Transport	-
Postal Engineering	-
Forwarding and Logistics	-
Aircraft Maintenance Technology *	-
Economics and Management of Enterprise	-
Financial Management	-
Electronic Business and Management	-

*\* study programme is accredited also in the English language*  
*\*\* standard tuition fee for part-time study programmes is € 500 for an academic year*

**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

MASTER'S DEGREE STUDY		
STUDY PROGRAMME / FIELD OF STUDY	PLANNED CAPACITY	
	FULL-TIME	PART-TIME*
<b>Railway Transport</b> / Transport	60	35
<b>Road Transport</b> / Transport	70	-
<b>Air Transport</b> / Transport	30	-
<b>Water Transport</b> / Transport	15	-
<b>Postal Engineering</b> / Transport	30	-
<b>Forwarding and Logistics</b> / Transport	60	-
<b>Aircraft Maintenance Technology</b> / Transport	25	-
<b>Economics and Management of Enterprise</b> / Economics and Management	125	-
<b>Financial Management</b> / Economics and Management	50	-
<b>Electronic Business and Management</b> / Economics and Management	70	-
<b>TOTAL</b>	555	35

In case of a low number of applicants for full-time study, 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.

In case of a low number of applicants for part-time study, the Faculty retains the right not to open the study programme.



## TERMS AND CONDITIONS OF ADMISSION

### Basic condition of admission

The basic condition for admission to master's (engineering) degree study (study programme of the second degree) is the full completion of the first degree of university study (Higher Education Act, no. 131/2002 Coll.) in the same or related field of study. 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 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 Exams

For the master's (engineer) degree study programmes **Road Transport, Railway Transport, Air Transport, Aircraft Maintenance Technology, Water Transport, Forwarding and Logistics and Postal Engineering** the Faculty accepts applicants on the basis of the weighted average of study results in their previous undergraduate study (first degree of higher education).

For the master's degree study programmes **Economics and Management of Enterprise, Financial Management and Electronic Business and Management** the Faculty accepts applicants who successfully completed their undergraduate study (first degree of higher education) and at the same time during their undergraduate study achieved the weighted average of their study results **up to 2.00 inclusive**.

**Other applicants will have to pass entrance exams.**

#### 2. Admission Procedure - Entrance Exams:

Applicants who do not meet the conditions for being accepted without entrance exams for the study programmes **Economics and Management of Enterprise, Financial Management and Electronic Business and Management** will have to attend the admission procedure – **written test**. The **written test consists of knowledge obtained during the first degree study programme** (test questions consist of Economics, Mathematics, chosen Foreign Language – English, German, Russian, French, Spanish).



## 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 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 who want to apply and study at UNIZA can use the application form valid in the Czech Republic. Applicants who do not actively speak Slovak or Czech are required to attend the language training (it is possible to attend the Slovak language courses at UNIZA). 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.



## APPLICATION FORM

**Application forms are to be submitted for individual study programmes.**

**In case the applicant is interested in more study programmes at the Faculty of Operation and Economics of Transport and Communications, it is necessary to apply for each one individually, including payment of the respective admission procedure fees.**

If the applicant wants to take part in entrance exams at several faculties of UNIZA, the application forms must be submitted separately to each faculty and the respective admission procedure fees paid separately to each faculty.

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 incomplete application form, applicants will be requested to complete it.

In case of absence or failure of entrance exams, the Faculty does not refund the admission fee.

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

1. Curriculum Vitae,
2. proof of payment of the admission fee.

It is possible to send electronic attachments together with the electronic application form.

**Admission fee:**

**20 €** - EU citizens,

**50 €** - applicants from non-EU countries, to be sent to: Žilinská univerzita v Žiline, Univerzitná 1, 010 26 Žilina

Banka: Štátna pokladnica  
 IBAN: SK81 8180 0000 0070 0026 9888  
 const. symbol: 0308

variable symbol: 10132 – inžinierske 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 with the 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: **SK81 8180 0000 0070 0026 9888**.

**Tuition fees** - in accordance with the Higher Education Act, information about the amount of tuition for the respective academic year will be announced on the website of the University of Žilina in Žilina.



## USEFUL DATES

Open Day	Deadline for submitting the application form	Entrance exams
November, 8, 2019	1 <sup>st</sup> round: until March, 31, 2020	1 <sup>st</sup> round: June, 11 – 12, 2020
February, 14, 2020	2 <sup>nd</sup> round: until August, 14, 202	2 <sup>nd</sup> round: August, 27 – 28, 2020



## ACCOMMODATION

Accommodation facilities of the University of Žilina in Žilina offer accommodation according to accommodation capacity, taking into account the distance between the student's permanent residence and the seat of 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.



## FOLLOW-UP STUDIES AFTER COMPLETION OF MASTER'S (ENGINEER) DEGREE STUDY

There is a possibility of extended studies within follow-up doctoral degree programmes at the Faculty of Operation and Economics of Transport and Communications UNIZA in the academic year 2020/2021 – Transport Methods and Technology, Postal Technologies, Transport Services, Economics and Management of Enterprise, Economics of Transport, Communications and Services (respective information about particular study programmes is available at the faculty website). After completing the master's (engineer) degree, it is necessary to verify the current state of the offer of study programmes in a particular academic year.



## GRADUATE PROSPECTS

### MASTER'S (ENGINEER) DEGREE STUDY PROGRAMMES

#### ROAD TRANSPORT

##### (Field of study - Transport)

Graduates are employable in professional and managerial positions in road haulage, bus and public transport companies as well as coordinators of integrated transport systems. Graduates are also able to find jobs in design, research and development organizations with a focus on the issues of transport, in the automotive industry, selling and servicing cars, technical and emission control stations, in transport departments of industrial companies, government bodies and local authorities, traffic police and schools providing secondary vocational and higher education. Graduates in Road Transport meet the requirements of professional competence to do business in all types of road transport: road freight transport, bus and taxi service and have the knowledge of how to start doing business in this field.

#### RAILWAY TRANSPORT

##### (Field of study - Transport)

Graduates are employable at all levels of management of railway transport in the Slovak Republic and within the EU, especially as technologists and managers of railway infrastructure managers, railway undertakings, transport operators, including professional transport groups and associations in the EU. Graduates are also prepared to work for coordinators of integrated transport systems, in forwarding and logistics companies, in design, research and development organisations focusing on transport, in transport departments of industrial enterprises, state and local governments, as well as in secondary vocational schools and higher education institutions. In addition, the Department in cooperation with the Railways of the Slovak Republic carry out the training courses for the qualification of a staff member of the ŽSR (Railways of Slovak Republic) as a signal

officer, rail switch supervisor, switch operator and train dispatcher. Courses are conducted outside the regular classes. Upon successful completion of the course, the student receives a corporate scholarship from ŽSR (Railways of Slovak Republic).

## **AIR TRANSPORT**

### **(Field of study - Transport)**

Graduates have comprehensive knowledge and skills (including language skills) required for managerial positions in a wide range of air transport undertakings - airlines, airports, air navigation service providers, ground handling service providers, manufacturers of aircraft and aviation equipment, as well as managerial positions of the State Administration of the Slovak Republic in the field of civil aviation. With regard to the concept of subjects taught in which air transport is reflected as a global economic sector and a global transport system, graduates are ready to work not only in the Member States of the European Union but also all around the world.

## **AIRCRAFT MAINTANANCE TECHNOLOGY**

### **(Field of study - Transport)**

Graduates are able to demonstrate comprehensive knowledge of aircraft maintenance techniques based on knowledge of technical, operational and practical requirements of air transport, using practical information obtained during the study in order to improve the functioning of transport management processes in transport. They are also employable in the air forces of the Army of the Slovak Republic, in security, civil defence and rescue services. Graduates are able to work independently in the field of research and development with a high degree of creativity even at the international level. Emphasis is put on the acquisition of theoretical basis that allow easier adaptation and further professional growth of graduates, as well as on the acquisition of knowledge in the field of air operations, enabling quick application of graduates in practice, in management of multinational teams of workers in the field of civil aviation and independent management of projects and taking responsibility for complete solutions. Graduates are able to use sophisticated technical approaches to solve problems and during the study they will gain experience in formulating hypotheses and analysing the data obtained.

## **WATER TRANSPORT**

### **(Field of study - Transport)**

Graduates of the master's degree study programme Water Transport are ready to apply for positions in middle and top management of transport, logistics and forwarding companies providing or procuring transport services primarily through inland and sea shipping and inland river or sea port services. Graduates are also employable in the field of tourism in the administration and management of maritime passenger transport, in international organisations operating in the field of water transport, in central bodies of state administration and self-government, in the management of multimodal logistics centres as well as in the conditions of water management and transport research. Graduates meet the requirements of professional competence according to the Act of the National Council of the Slovak Republic No. 338/2000 Coll. on inland navigation for water transport business.

## **POSTAL ENGINEERING**

### **(Field of study - Transport)**

Graduates of this study programme are ready to manage operational, technological, business and economic activities in postal transport processes, but also more generally in enterprises with transfer activities at various organizational levels. Their knowledge of basic legal regulations, situation on postal and transport markets and markets of electronic communications, as well as knowledge of information systems, principles of economic and financial management and international economic relations predetermine them to be able to design and implement appropriate technologies, manage, organise and ensure operation.

## **FORWARDING AND LOGISTICS**

### **(Field of study - Transport)**

Graduates are employable in forwarding and transport organisations in logistics departments in the executive and managerial functions of forwarding, transport and logistics organizations. They can also work as operational managers of logistics departments in large production and distribution organisations focusing on ordering transport services. Graduates are also expected to be employed in research and development organisations with a focus on transport, in state administration bodies, as well as teachers in secondary vocational schools and higher education institutions. Graduates have sufficient knowledge of how to start their own business with a focus on forwarding and logistics.

## **ECONOMICS AND MANAGEMENT OF ENTERPRISE**

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

Graduates of the second degree study programme Economics and Management of Enterprise are able to analyse complex economic relations in business processes, to design and implement managerial decisions regarding the functioning of these processes. They are characterized by a high degree of creativity and independence in managerial decision-making. They have deep knowledge not only of business management operations, but also of strategic decision-making in terms of globalisation of the economy. They are able to work with complex information systems in enterprises. They show a high degree of mastering organisation of managerial work and managerial communication.

## **FINANCIAL MANAGEMENT**

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

Graduates of the field of study Economics and Management are professionally prepared to perform managerial functions at top and middle management levels in all types of businesses. They can also be employed as financial intermediaries between businesses and institutions on the financial market and abroad, acting as financial managers of non-profit organisations in auditing, consulting and brokerage companies. They are characterized by a high degree of creativity and independence in making financial decisions. They have a deep knowledge not only from operation of financial management of businesses, but also in strategic decision-making from the aspect of globalisation of the economy. They are able to work with complex information systems in enterprises.

## **ELECTRONIC BUSINESS AND MANAGEMENT**

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

Graduates can apply for managerial positions of top management of all types of enterprises, and are able to provide managerial functions in relation to the use of information and communication technologies and services. Given the focus of their study, they are able to work in companies as control managers in all types of enterprises in the field of trade and services and to be an active managerial element in the value chain within e-commerce and business. They are also employable at managerial positions in the development and operation of logistics systems and chains (e.g. storage and distribution systems, automatic identification of goods and services, etc.). They can perform managerial functions in the provision of electronic environment (e.g. E-Banking, E-Government, etc.) and represent managerial positions in all types of enterprises in the implementation and control of project management and innovation management.