



# UNIVERSITY OF ŽILINA

## Faculty of Operation and Economics of Transport and Communications

### CONTACT

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## ACCREDITED STUDY PROGRAMMES OFFERED FOR THE ACADEMIC YEAR 2023/2024

### BACHELOR'S DEGREE STUDY PROGRAMMES

FULL-TIME STUDY	PART-TIME STUDY *
LENGTH OF STUDY 3 YEARS	LENGTH OF STUDY 3 YEARS
Road transport specialization: - Road transport - Expertise in Road Transport	-
Railway Transport	Railway Transport
Air Transport specialization: - Air Transport - Professional Pilot	-
Distribution Technologies and Services	-
Water Transport	-
Forwarding and Logistics	-
Transport Services in Passenger Transport	-
Economics and Management of Enterprise	-
Financial Management	-
Electronic Business and Management	-

\* tuition fee for part-time study programmes is €500 for an academic year

### Detailed information about the study programmes:

- curriculum,
- course information sheets



# BACHELOR'S DEGREE STUDY



## EXPECTED NUMBER OF ACCEPTED APPLICANTS TO THE FIRST YEAR

BACHELOR'S DEGREE STUDY		
STUDY PROGRAMME (SPECIALIZATION) / FIELD OF STUDY	PLANNED CAPACITY	
	FULL-TIME	PART-TIME
Road Transport (Road Transport, Expertise in Road Transport) / Transport	120	-
Railway Transport / Transport	75	30
Air Transport (Air Transport, Professional Pilot ) / Transport	75	-
Distribution Technologies and Services / Transport	40	-
Water Transport / Transport	25	-
Forwarding and Logistics / Transport	90	-
Transport Services in Passenger Transport / Transport	25	-
Economics and Management of Enterprise / Economics and Management	140	-
Financial Management / Economics and Management	75	-
Electronic Business and Management / Economics and Management	80	-
<b>TOTAL</b>	<b>745</b>	<b>30</b>

In the event of a low number of applicants for full-time study, the faculty retains the right to not open the study programme and to offer applicants another study programme in the same field of study.



## TERMS AND CONDITIONS OF ADMISSION

### Basic condition of admission

The basic condition for admission to the bachelor's degree study (the first-degree 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, along with the application form or more precisely, no later than on the date of enrolment, the decision on the recognition of the certificate of completion of secondary education recognized by a relevant institution in the Slovak Republic.

### Other conditions of admission

#### 1. No entrance examination

- a) the Faculty will admit the applicants from **grammar schools** who have reached the arithmetic mean of marks at the year-end report for the penultimate year of study (not the final year):
- **up to 2.00 inclusive for study programmes:**
    - Economics and Management of Enterprise
    - Financial Management
    - Electronic Business and Management
    - Air Transport (specialization Air Transport, Professional Pilot)
  - **up to 2.50 inclusive for study programmes:**
    - Railway Transport
    - Road Transport (specialization Road Transport, Expertise in Road Transport)
    - Distribution Technologies and Services
    - Water Transport
    - Forwarding and Logistics
    - Transport Services in Passenger Transport

b) the Faculty will admit the applicants from **secondary vocational schools, associated schools** and **academies** who have reached the arithmetic mean of marks at the year-end report for the penultimate year of study (not the final year):

– **up to 1.60 inclusive for study programmes:**

- Economics and Management of Enterprise
- Financial Management
- Electronic Business and Management

– **up to 2.00 inclusive for study programmes:**

- Road Transport (specialization Road Transport, Expertise in Road Transport)
- Railway Transport
- Air Transport (specialization Air Transport, Professional Pilot)
- Distribution Technologies and Services
- Water Transport
- Forwarding and Logistics
- Transport Services in Passenger Transport

c) the Faculty will admit applicants who ranked in the first five places in the Discover Pedas-Study Transport-Green Transport competition, held under the auspices of the Minister of Transport and Construction of the Slovak Republic.

**Compliance with one of the conditions mentioned in (a) to (c) above is sufficient for admission without entrance examination. Other applicants will have to pass the entrance examination.**

## **2. Entrance exams**

The entrance examination is carried out in the form of a test of knowledge within the scope of the secondary school curriculum. The test questions are composed of general knowledge, mathematics, and a chosen foreign language (English, Spanish, German, French, and Russian). Study materials for the entrance examination are available in the shop of the University Library (<http://www.edis.uniza.sk/>).

Applicants with a glider pilot licence or other airworthiness licences or an aircraft mechanic licence who apply for the study programme Air Transport (specialization Air Transport and specialisation Professional Pilot) receive 10 preferential points in the entrance examination. **The date of the admission procedure cannot be changed for operational reasons.**

### **Language competence**

Written and oral command of Slovak or Czech is required for study at the Faculty.

### **Medical certificate**

The faculty does not require a medical certificate for university study and accepts applications without a medical certificate for all levels of higher education, except for the study programme - Professional Pilot, where applicants at the entrance exams must submit a Class 1 medical certificate from the Institute of Aviation and Preventive Medicine in Košice or from the Institute of Aviation Medicine in Prague or another EASA member state in accordance with the requirements of PART-FCL 1.



## **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's website. Foreign students who study in the Slovak language do not have to pay the tuition fee. Applicants who do not actively speak Slovak or Czech are required to successfully complete 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, the terms and conditions stated in the respective documents are applicable.



## APPLICATION FORM

Application forms are to be submitted for individual study programmes.

In case the applicant wants to take part in the admission procedure for more than one study programme 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 fee for each application form.

If the applicant wants to take part in entrance examination 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 fill in the application form - Prihláška na vysokoškolské štúdium - 1. Stupeň or they can also use an electronic application form. The electronic application can be filled in via the UNIZA website: <https://vzdelavanie.uniza.sk/prijimacky/index.php> or on the Portal VS (University Portal): <https://prihlaskavs.sk/sk/>.

In case of the incomplete application form, applicants will be requested to complete it.

In case of non-participation in the admission procedure or a failure in the admission procedure, the Faculty does not refund the admission procedure fee.

### Attachments to the bachelor's degree application form:

1. curriculum vitae,
2. proof of payment of the admission fee.

Electronic attachments can also be sent with the electronic application form.

### Admission fee (for each application form):

€20 – EU citizens,

€50 – applicants from non-EU countries

must be paid to:

Žilinská univerzita v Žiline, Univerzitná 1, 010 26 Žilina

Bank: Štátna pokladnica

IBAN: SK81 8180 0000 0070 0026 9888

const. symbol: 0308

variable symbol: 10131 – bakalárske štúdium

### Payment method:

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

### Proof of payment:

proof of payment is to be sent to the Faculty address 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 fee for the relevant academic year will be published on the website of the University of Žilina within the stipulated deadlines.



## USEFUL DATES

Open Day	Deadline for submitting the application form	Entrance exams
11 November 2022 10 February 2023	1 <sup>st</sup> round: until 31 March 2023 2 <sup>nd</sup> round: until 11 August 2023	1 <sup>st</sup> round: 12–13 June 2023 2 <sup>nd</sup> round: 23–24 August 2023



## ACCOMMODATION

All students in the first year of bachelor's degree study are entitled to accommodation in accordance with the internal regulations 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.



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

There is a possibility for continuing bachelor's degree study within follow-up master's (engineering) degree study programmes at the Faculty of Operation and Economics of Transport and Communications UNIZA in the academic year 2023/2024 – Road Transport, Railway Transport, Air Transport (specialization Air Transport and specialization Aircraft Maintenance Technology), Postal Engineering, Forwarding and Logistics, Economics and Management of Enterprise, Financial Management, Electronic Business and Management (information about particular study programmes is available at the university website). After completing the bachelor's degree study, it is necessary to verify the current offer of the study programmes in a particular academic year.



## GRADUATE PROSPECTS

### BACHELOR'S DEGREE STUDY

#### ROAD TRANSPORT

**(Field of study 3772 Transport)**

##### **Specialization *Road Transport***

Graduates are able to work in transport enterprises, in industrial enterprises in the management of transport and logistics activities, and in the state administration in the planning and management of transport services in the region. They are employable in positions of operating personnel and in middle management in planning and managing transport operations in national and international road freight transport, bus transport or taxi transport, as well as in the positions of chief technicians in repair and maintenance services of road vehicles, technical and emission control stations, and in the sale of road vehicles. The completion of the first degree of university study provides a solid foundation for a smooth transition to the second degree of study in the field of study transport.

##### **Specialization *Expertise in Road Transport***

Graduates are able to work in transport enterprises, insurance companies, leasing companies, automobile repair shops, vehicle dealerships, and in the state administration in planning and managing transport. They can work in the positions of operational staff and in middle management posts for the planning and management of traffic operations in road transport. They are also employable in the positions of chief technicians in repair and maintenance services of road vehicles, technical and emission control stations. The completion of the first degree of university study provides a solid foundation for a smooth transition to the second degree of study in the field of study transport.

#### RAILWAY TRANSPORT

**(Field of study 3772 Transport)**

Graduates of the Railway Transport study programme acquired knowledge and skills in the conditions of operation of railway transport, corporate transport, and intermodal transport. The professional orientation of the graduate is based on knowledge in the field of railway transport and transport operations, as well as basic knowledge of other branches of transport and the necessary business skills in the economics and management of a transport enterprise. He/she can evaluate the economic, commercial, and operational results of railway transport and transport operations and results in the field of human resources. On the basis of the acquired knowledge and practical habits, graduates are employable at the basic and middle levels of

management of railway transport and transport operations in entities operating on the railway transport market, in freight forwarding and logistics companies, as well as in state and local government bodies in the context of transport management. Within the framework of the study, in cooperation with the Railways of the Slovak Republic (ŽSR), they have the opportunity to complete courses for obtaining professional competence for the type of Railways of the Slovak Republic employee position of signal officer, rail switch supervisor, switch operator, and train dispatcher.

## **WATER TRANSPORT**

### **(Field of study 3772 Transport)**

Graduates are employable in the executive professions of transport, logistics and forwarding companies providing or procuring transport services mainly through inland and maritime shipping and inland or seaport services. They can also work in the field of tourism, organising and providing passenger shipping on navigable waterways and enclosed waters. Graduates are employable in state administration and self-government bodies, in organisations of professional state supervision in the field of inland navigation, in the management and maintenance of waterways in the context of water management in relation to flood protection, as well as in the field of ensuring the operation of multimodal logistics centres, etc. After completion of the bachelor's degree study, graduates can perform the functions of ship cadets on an inland waterway vessel. Later, after obtaining the required navigational practice, they will be able to serve as captains and ship commanders. The completion of the first degree of university study provides a solid foundation for a smooth transition to the second degree of study.

## **AIR TRANSPORT**

### **(Field of study 3772 Transport)**

#### **Specialization *Air Transport***

The Air Transport study programme with the specialisation Air Transport is aimed at covering a wide range of current air traffic issues. The study starts with general subjects (such as mathematics, physics, informatics, general economic theory, or marketing). Students then progressively acquire knowledge in specialised subjects (e.g., navigation, meteorology, aeromechanics, communication systems in aviation, or flight planning and monitoring), as well as in subjects that can shape their professional career in technical fields (e.g., flight instruments, aircraft propulsion systems, aircraft design, or computer simulation in aviation), and finally also in the operational-economic field (e.g., organisation and management of civil aviation, or aviation law). The study is completed by the elaboration of a bachelor thesis and its defence at the state final examination.

#### **Specialization *Professional Pilot***

Students will acquire theoretical and practical knowledge in order to obtain an Airline Transport Pilot License (ATPL). The scope and subjects are designed in the same way as for the Air Transport specialisation, but in addition, students acquire theoretical knowledge up to the level required for a „frozen“ transport pilot (ATPL frozen). The practical training is designed in accordance with the requirements of Regulation EC1178/2011. Training may be provided as integrated or modular training up to the level of commercial pilot qualified for instrument flights and twin-engine aircraft (CPL/MEP/IR). The course is provided by the Aviation Training and Educational Centre of the University of Žilina (ATEC) in close cooperation with the Department of Air Transport, while the students cover the costs associated with practical flight training. Theory up to ATP(A) level is provided free of charge as part of the specialised training. The University of Žilina is the only ATO (SK.ATO.01) in Slovakia and the Czech Republic that provides theoretical and practical training under one roof. The study is completed by the elaboration of a bachelor thesis and its defense at the state final examination.

## **DISTRIBUTION TECHNOLOGIES AND SERVICES**

### **(Field of study 3772 Transport)**

Graduates of the study programme Distribution Technologies and Services acquire a wide range of knowledge, skills, and competences in the field of distribution logistics. They are able to analyse the problems and opportunities determining the development of postal and logistics markets, enterprises, networks, and services, including in relation to e-commerce. Graduates have a basic knowledge of the technological, technical, legislative, marketing, and economic aspects of the postal and distribution networks and services sector. Graduates are profiled in two directions. They focus either on the operational-technological aspects of the functioning of distribution systems, networks, and services or on the managerial-economic and marketing aspects of business in the field of distribution of postal items, goods, and services. They have the ability to be perfectly oriented in the field of technological security, but also in the sale of postal, digital, insurance, and banking products and services that are part of the product portfolio in enterprises operating in the consignment distribution market. Graduates can find employment at the operational and tactical level of management in logistics companies, insurance companies, and banking companies, as well as in public administration institutions, especially in the field of regulation of postal services and networks. Graduates are well prepared for starting their own business, but above all for the continuation in the second degree of higher education in the study programme Postal Engineering and other study programmes in the field of transport.

## **FORWARDING AND LOGISTICS**

### **(Field of study 3772 Transport)**

Graduates can find work in forwarding, transport, and logistics organisations in logistics departments in executive positions of freight forwarders, dispatchers, transport managers. They are also employable in the positions of operational managers and executives for ordering transport services in large production and distribution organisations. They have knowledge according to the updated international standards of the world association FIATA, and therefore they can work for multinational logistics companies abroad. The completion of the first degree of university study provides a solid foundation for a smooth transition to the second degree of study.

## **TRANSPORT SERVICES IN PASSENGER TRANSPORT**

### **(Field of study 3772 Transport)**

Based on the acquired knowledge, practical skills, and competence, graduates will be primarily employed at the lower and middle levels of management of railway, road, urban, air, and water passenger transport and transport operations in entities operating on the passenger transport market at the local, regional, state, or international level, in organisers and integrators of public passenger transport, in state administration, and in local government bodies in the context of passenger transport management. They can also find work in organisations providing logistics for passenger transport, such as taxi services. They can also work in tourism, providing passenger transportation to and from tourist centres via various transportation systems. Graduates are employable in state and local government bodies in the management of passenger transport in the context of transportation and land-use planning, urban planning, and tourism development in the region, taking into account the requirement to protect the environment.

## **ECONOMICS AND MANAGEMENT OF ENTERPRISE**

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

A graduate of the bachelor's degree study programme Economics and Management of Enterprise is a qualified professional with a unique set of knowledge, skills, and competences. He/she understands the theories, methods, and procedures that are used in solving sub-tasks in diverse areas of economics and business management. He/she is able to solve basic economic tasks and decision-making problems, which allows him/her to be employed primarily at the lower and middle management level of business entities, public sector institutions, as well as other organizations. The graduate of the bachelor's degree study can analyse economic phenomena and processes in the enterprise and its environment and take appropriate managerial decisions. He/she is capable of solving tasks in various managerial functions at the lower and middle levels of business management, especially in the areas of business economics, management, corporate finance, calculations and budgets, marketing, human resources management, managerial psychology, planning and, organisation of business processes. He/she also acquires the necessary knowledge of law, finance, accounting, informatics, and other business-economic disciplines. The cross-cutting nature of the scientific disciplines forming the core of the study programme ensures the universality of education of this type, creates the prerequisites for the competitive advantages of the graduate on the labour market, and provides wide opportunities for his/her application in economic practice. The acquired knowledge, skills and competences qualify the graduate for further study with a high degree of independence.

## **ELECTRONIC BUSINESS AND MANAGEMENT**

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

Graduates can analyse the processes and possibilities determining the development of the economy and management of enterprises in the trade and services sector, in order to model their development on the basis of knowledge of recording, budgeting, and accounting in the conditions of the emergence of new forms of communication through electronic commerce and its management. Graduates are profiled in two basic directions, with a focus on electronic support of processes and service provision in enterprises or institutions or on the financial aspects of doing business in electronic business and trading. Furthermore, it is possible to specify the profile with regard to the pursued intention of employment according to the sectoral requirements. They can work in middle management functions and in the use of information and communication technologies and services in enterprises and service organisations as operational managers, professional staff, sales representatives, sales managers, consultants, or supervisors. Graduates are also employable in public administration institutions and non-profit organizations. In the case of establishing their own business, they are also able to work as managers of small or medium-sized enterprises in the field of trade and services and act as an active and managing element in the value chain of a service enterprise. The completion of the first degree of university study provides a solid foundation for a smooth transition to the second degree of study.



## **FINANCIAL MANAGEMENT**

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

A graduate of the bachelor's degree study programme Financial Management is a qualified expert who can solve standard and non-standard medium-demanding managerial tasks focused on the issue of corporate finance and financial management of the enterprise. He/she understands the theories, methods, and procedures used in solving sub-tasks in different areas of corporate financial management. During the study, he/she will acquire unique knowledge, skills, and abilities in the fields of funding business activities, financial accounting, financial-economic analysis, financial decision-making, and international as well as public finance, all of which are essential in the daily practise of a financial manager-specialist. At the same time, however, the future employability of graduates in the position of manager-universalist is not excluded, as the study programme reflects the requirements of practise and financially oriented subjects appropriately complement other subjects, the mastery of which is necessary for obtaining a comprehensive managerial education. However, space is also created for the acquisition of knowledge in the fields of marketing, law, human resources, and international business, which the graduate is subsequently able to independently apply and analyse in the context of economic processes and managerial activities in the enterprise. Graduates of the study programme can apply the acquired professional knowledge, skills, and abilities mainly in small and medium-sized enterprises operating not only in the national but also in the international economic environment. The graduate can also find employment in the decision-making sphere as a financial manager for state and local government bodies. His/her knowledge and skills can be used in the position of financial manager of EU projects and grants.