



Description of the study programme

Source: SAAVŠ

Name of the higher education institution: University of Žilina

Address of the higher education institution: Univerzitná 8215/1, 010 26 Žilina, Slovakia

Identification number of the higher education institution: 00397563

Name of the faculty: Faculty of Operation and Economics of Transport and Communications

Address of the faculty: Univerzitná 1, 010 26 Žilina, Slovakia

Institution body for approving the study programme:

Date of the study programme approval or the study programme modification:

Date of the latest change¹ in the study programme description:

Reference to the results of the latest periodic review of the study programme by the institution:

Reference to the assessment report of the application for accreditation of the study programme under § 30 of Act no. 269/2018 Coll.:

1. Basic information about the study programme				
a	Name of the study program	air transport	Number according to the register of study programmes	21499
b	Degree of higher education	2	ISCED-F education degree code	767
c	Place(s) of delivery of the study programme	Univerzitná 8215/1, 010 26 Žilina, Slovakia Airport Žilina, 013 41 Dolný Hričov, Slovakia		
d	Name of the field / Combination of two fields of study	transport	Number of the field of study	3772T00
			ISCED-F codes of the field/fields	1041 Transport services
e	Type of the study programme	academically oriented		
f	Awarded academic degree	Ing.		
g	Form of study	full-time		
h	Cooperating institutions and the range of study obligations the student fulfils at each of the given institutions	The study programme is not offered as a joint study programme with another university.		
i	Language or languages in which the study programme is delivered	English		
j	Standard length of the study expressed in academic years	2 years		
k	Capacity of the study programme (planned number of students)	1. grade: 55 2. grade: 55		
	Actual number of applicants			
	Actual number of applicants and students			

¹ If the change is not a modification of the study programme according to § 30 of Act no. 269/2018 Coll.



2. Graduate profile and learning objectives	
a	<p>Learning objectives of the study programme such as student's abilities at the time of completion of the programme and the main learning outcomes</p> <p>A graduate of the Air Transport study programme at the Faculty of Operation and Economics of Transport and Communications of the University of Žilina is a highly qualified specialist with unique industry-specific knowledge, skills and competencies for performing managerial roles at a higher level of management in air transport, in all companies and organizations involved in the provision of air transport services (airlines, airports, air navigation service providers, ground handling service providers at airports, airport slot coordinators, aircraft and aircraft maintenance repair and overhaul companies).</p> <p>The complexity of the acquired knowledge, skills and competencies, in terms of the management of operational processes, economics, law, technology and technologies in air transport, allows graduates to hold managerial or specialized positions in the relevant bodies of the Slovak Republic's state administration and state supervision bodies in civil aviation in the Slovak Republic.</p> <p>Graduates are able to hold expert and managerial positions in international government aviation organizations (ICAO, EUROCONTROL), as well as in agencies, institutions and bodies of the European Union in the field of civil aviation (EASA), and expert and managerial positions in international non-governmental aviation organizations in civil aviation (IATA, CANSO, ACI).</p> <p>The offer of elective subjects in the study programme allows for a narrower profiling of the student for selected air transport management processes.</p> <p>Educational outcomes:</p> <p>The required competencies, knowledge and skills of graduates of the study programme are as follows:</p> <p>Knowledge:</p> <ol style="list-style-type: none">1. The graduate knows the regulatory framework of air transport in the European Union in terms of safety and environmental requirements, and knows the legislation and system of operation of both manned and unmanned aerial vehicles within the airspace of the Slovak Republic and EU member states.2. The graduate is able to develop and manage aircraft maintenance processes and aircraft operations and assess the technical condition of aircraft equipment.3. The graduate has knowledge of the design and operation of airports, and airline business and operations.4. The graduate has knowledge of the air transport system from the air navigation service provision point of view.5. The graduate has knowledge of the economic aspects of air transport companies in terms of their financing, pricing, investment development and their business



models. In addition, the graduate has knowledge of the principles and methods of marketing analysis in air transport companies.

6. The graduate has knowledge of change management and crisis situations in air transport.
7. The graduate has a comprehensive understanding of the construction and purpose of all functional blocks of aircraft equipment.
8. The graduate is familiar with the commercial and employment law in air transport, which reflect the global nature of the industry and the multiculturalism of working teams in the air transport sector.
9. The graduate knows the functions of aircraft operations and aircraft security equipment.
10. The graduate has knowledge of technology of aircraft maintenance in terms of operational procedures and standards, as well as progressive maintenance methods.
11. The graduate knows the basic operational processes, operational standards (norms) and management methods exercised by the individual types of air transport companies and organizations.
12. The graduate is equipped with comprehensive knowledge in the field of information systems used in various areas of air transport, programming and optimization methods.

Name of the study programme		Air transport																					
Year of study	Term	Core subject/ Study programme subject	Learning outcomes of the study programme - Knowledge																				
			[[LO1]]	[[LO2]]	[[LO3]]	[[LO4]]	[[LO5]]	[[LO6]]	[[LO7]]	[[LO8]]	[[LO9]]	[[LO10]]	[[LO11]]	[[LO12]]									
1	1	Communication, Navigation and Surveillance Systems	•	•		•		•	•	•													
1	1	Statistical Analysis		•				•	•														•
1	1	Economics of Air Navigations Service Providers	•			•	•	•					•	•									
1	1	Airline planning and operations	•			•		•	•				•	•	•	•	•						
1	1	Materials in Aviation		•								•										•	
1	1	Turbine Engine 1		•								•		•	•								
1	2	Airport design and operation 1		•	•	•			•														•
1	2	Marketing of Airlines and Aircraft Manufacturers	•			•		•	•				•	•									
1	2	Air Traffic Management 1	•			•		•	•				•										•
1	2	Economics of Airlines	•			•		•	•				•										
1	2	Turbine Engine 2		•								•		•	•	•							
1	2	Construction of the Aircraft		•								•		•	•	•	•						•
2	3	Airport design and operation 2	•	•	•	•			•					•								•	•
2	3	Aircraft Maintenance 1		•					•	•												•	•
2	3	Air Traffic Management 2	•			•		•						•									•
2	3	Airport Marketing	•			•	•	•	•				•										
2	3	Airline planning and operations - practicum	•	•	•			•	•				•	•	•	•							•
2	3	Maintenance Procedures		•								•		•	•	•						•	•
2	3	Aircraft propeller		•								•		•								•	•
2	3	Basic Machine Parts		•								•										•	•
2	4	Air Transport Operation	•	•	•	•		•	•				•	•									•
2	4	Final Thesis																					
2	4	Aircraft Maintenance 2		•					•				•	•	•	•						•	•
2	4	Business Law and Labour Relations in Aviation	•			•		•	•				•										
2	4	Economics of Airports	•			•		•	•				•										
2	4	Aircraft Maintenance Practicum	•	•								•										•	•



Skills:

1. The graduate is able to process manuals on the certification of airports, airlines and propose operational solutions and technical parameters of airports.
2. The graduate has the skill to prepare feasibility studies for investment projects in airport infrastructure and the provision of air transport services.
3. The graduate is able to apply economic benchmarking of airlines as a method of managing airlines.
4. The graduate is able to propose new solutions of aircraft maintenance technology and new methods of aircraft maintenance.
5. The graduate is able to use software engineering tools in the area of air transport management, airport infrastructure and management of technological processes in aircraft and aviation technology maintenance.
6. The graduate is able to analyze the needs of customers of air transport companies and co-create product (service) design.
7. The graduate is able to organize operational activities and processes in airlines and air infrastructure companies.
8. The graduate is able to use various computer simulation and control software systems designed for the aviation industry, including CAD, 3D modeling and subsequent application of CFD software for simulation of specific problem solutions.



		Name of the study programme	Air transport							
Year of study	Term	Core subject/ Study programme subject	Learning outcomes of the study programme							
			Skills							
			[LO1]	[LO2]	[LO3]	[LO4]	[LO5]	[LO6]	[LO7]	[LO8]
1	1	Communication, Navigation and Surveillance Systems		●						●
1	1	Statistical Analysis				●	●			●
1	1	Economics of Air Navigations Service Providers	●	●		●		●	●	
1	1	Airline planning and operations	●	●		●	●	●	●	
1	1	Materials in Aviation				●	●			●
1	1	Turbine Engine 1					●			●
1	2	Airport design and operation 1	●	●			●			
1	2	Marketing of Airlines and Aircraft Manufacturers	●	●		●	●	●	●	
1	2	Air Traffic Management 1		●			●		●	●
1	2	Economics of Airlines	●	●		●		●	●	
1	2	Turbine Engine 2					●			●
1	2	Construction of the Aircraft					●			●
2	3	Airport design and operation 2	●	●			●		●	●
2	3	Aircraft Maintenance 1					●			●
2	3	Air Traffic Management 2		●			●		●	●
2	3	Airport Marketing		●		●		●	●	
2	3	Airline planning and operations - practicum	●	●		●		●	●	
2	3	Maintenance Procedures					●			●
2	3	Aircraft propeller					●			●
2	3	Basic Machine Parts					●			●
2	4	Air Transport Operation	●	●		●		●	●	
2	4	Final Thesis								
2	4	Aircraft Maintenance 2					●			●
2	4	Business Law and Labour Relations in Aviation	●					●	●	
2	4	Economics of Airports	●	●		●	●	●		
2	4	Aircraft Maintenance Practicum					●			●

Competencies:

1. The graduate has the ability to communicate in English and lead a multicultural team.
2. The graduate is independent in decision-making while respecting the principles of safety as a key requirement for air transport operations.
3. The graduate has the ability to creatively solve complex operational problems of air transport companies and present his/her own views on the solution of new and non-standard situations on the basis of expert arguments.
4. The graduate is competent in proposing operational and technological solutions, taking into account various aspects and dimensions of air transport, including intersectoral overlaps.
5. The graduate is able to communicate with various stakeholders in the air transport industry.
6. The graduate has the professional qualifications and skills to monitor technological, regulatory, economic and legal changes in the air transport industry with the ability to draw implications for the performance of a managerial function.



7. The graduate is able to apply the acquired theoretical knowledge in the design of transport policies and in the development process of the air transport system in the Slovak Republic.
8. The graduate is able to apply procedures and tools to solve complex practical operational problems, including interrelationships within the air transport system.

		Name of the study programme	Air transport								
Year of study	Term	Core subject/ Study programme subject	Learning outcomes of the study programme Competencies								
			[L01]	[L02]	[L03]	[L04]	[L05]	[L06]	[L07]	[L08]	
1	1	Communication, Navigation and Surveillance Systems	●	●		●		●	●	●	●
1	1	Statistical Analysis			●					●	
1	1	Economics of Air Navigations Service Providers	●		●			●	●	●	
1	1	Airline planning and operations	●	●	●	●	●	●	●	●	●
1	1	Materials in Aviation		●		●			●		
1	1	Turbine Engine 1	●	●	●	●			●		●
1	2	Airport design and operation 1	●	●	●	●			●		●
1	2	Marketing of Airlines and Aircraft Manufacturers	●		●			●	●	●	●
1	2	Air Traffic Management 1	●	●	●			●	●		
1	2	Economics of Airlines	●		●			●	●	●	●
1	2	Turbine Engine 2		●		●					
1	2	Construction of the Aircraft		●		●					
2	3	Airport design and operation 2	●	●	●	●			●		●
2	3	Aircraft Maintenance 1	●	●	●	●					●
2	3	Air Traffic Management 2	●	●	●				●		
2	3	Airport Marketing	●		●			●	●	●	●
2	3	Airline planning and operations - practicum	●	●	●			●	●	●	
2	3	Maintenance Procedures	●	●	●	●					●
2	3	Aircraft propeller		●		●					
2	3	Basic Machine Parts		●		●					
2	4	Air Transport Operation	●	●	●			●	●	●	●
2	4	Final Thesis									
2	4	Aircraft Maintenance 2	●	●		●					
2	4	Business Law and Labour Relations in Aviation	●					●		●	●
2	4	Economics of Airports	●	●	●			●	●	●	●
2	4	Aircraft Maintenance Practicum	●	●	●	●					

Indicated professions for which the graduate is prepared at the time of completion and the potential of the study programme from the point of view of graduate's employability

b

A graduate of the Air Transport study programme is prepared for third-cycle (PhD) studies.

Using the acquired knowledge and skills, the graduates can continue their studies in a doctoral programme in Transport. Indicative occupations, for which the graduate is prepared, according to the National Classification of Occupations, are as follows:

- Air transport manager

<https://www.sustavapovolani.sk/register-zamestnani/pracovna-oblast/karta-zamestnania/7046-riadiaci-pracovnik-manazer-v-leteckej-doprave/27-doprava/>

- Airport operations and safety internal control specialist



		<p>https://www.sustavapovolani.sk/register-zamestnani/pracovna-oblast/karta-zamestnania/496838-specialista-vnutornej-kontroly-letiskovej-prevadzky-a-prevadzkovej-bezpecnosti/27-doprava/</p> <ul style="list-style-type: none">• Air traffic controller <p>https://www.sustavapovolani.sk/register-zamestnani/pracovna-oblast/karta-zamestnania/7041-riadiaci-letovej-prevadzky/</p> <ul style="list-style-type: none">• Airport infrastructure technical specialist <p>https://www.sustavapovolani.sk/register-zamestnani/pracovna-oblast/karta-zamestnania/23998-technicky-specialista-v-letiskovej-infrastrukture/</p> <ul style="list-style-type: none">• Aircraft maintenance technician <p>https://www.sustavapovolani.sk/register-zamestnani/pracovna-oblast/karta-zamestnania/496839-technik-udrzby-lietadiel/</p> <ul style="list-style-type: none">• Air traffic dispatcher <p>https://www.sustavapovolani.sk/register-zamestnani/pracovna-oblast/karta-zamestnania/24008-dispecer-leteckej-prevadzky/27-doprava/</p> <ul style="list-style-type: none">• Technical specialist in air traffic services <p>https://www.sustavapovolani.sk/register-zamestnani/pracovna-oblast/karta-zamestnania/7039-technik-technickeho-zabezpecenia-letovych-prevadzkovych-sluzieb/27-doprava/</p> <p>In addition to the National Classification of Occupations and the Slovak Qualifications Framework, we can define current job positions on the Slovak market:</p> <ul style="list-style-type: none">• Technical logistics specialist• Transport safety advisor• Logistics and postal services technician <p>The potential of the study programme in terms of graduate employability is enhanced by the active cooperation of the Air Transport Department with potential employers, including the Ministry of Transport of the Slovak Republic, the Slovak Air Navigation Service Provider, the Union of Transport, Post and Telecommunications of the Slovak Republic, AirExplore, Go2Sky, the Transport Authority, and others.</p>
c	Relevant external stakeholders who have provided the statement or a favourable opinion on the compliance of the acquired qualification with the sector-specific requirements for the profession	This programme doesn't train students for jobs that need a specific certificate proving they meet the industry's standards.



3. Employability									
a	<p>Evaluation of the study programme graduates employability</p> <p>Most graduates of the Air Transport programme find employment in aviation companies and organisations within the aviation industry in Slovakia, as well as in EU member states and countries outside the EU. Some graduates find positions as air transport specialists in freight forwarding and logistics companies and in international distribution chains in Slovakia and abroad. Outside the aviation sector, graduates also find employment with aircraft and aviation equipment manufacturers.</p> <p>There is also demand for graduates of the Air Transport programme from Slovak government bodies (Ministry of Transport of the Slovak Republic) and state supervision bodies in civil aviation in the Slovak Republic (Transport Authority). Graduates also hold positions as specialists and managers in international aviation organisations. Graduates also work as teaching staff in secondary vocational schools.</p> <p>Graduates of the engineering study programme have the opportunity to continue their studies in the third-cycle PhD. programme Transport at the Faculty of Operation and Economics of Transport and Communications of the University of Žilina, or (depending on their language skills) at foreign universities.</p> <p>Based on our own monitoring of graduate employment, which the faculty has been systematically tracking since 2008, it can be stated that 26.15% of graduates had a job even before completing their studies, and another 17.69% found a job immediately after graduation. The sectoral results obtained from https://www.uplatnenie.sk/ correspond to the faculty's findings for the period 2008 to 2020, according to which:</p> <ul style="list-style-type: none">• 47.69% of graduates are employed in transport,• 13.85% of graduates are employed in public administration,• 11.54% of graduates are employed in manufacturing management. <p>Currently, 90% of graduates have permanent employment. Since 2014, the faculty has been cooperating with the Central Office of Labour, social affairs and family, based in Bratislava, which sends annual data on unemployed graduates, broken down by bachelor's, master's and doctoral graduates, and the faculty also publishes this data in its Annual Report. Data on the number of unemployed for the years 2019, 2020, 2021, 2022 and 2023 are as follows:</p> <p>Records of unemployed graduates of the faculty in 2019</p> <table><thead><tr><th><i>Study programme</i></th><th><i>Engineering studies</i></th></tr></thead><tbody><tr><td><i>air transport</i></td><td>1</td></tr><tr><td><i>technology of aircraft maintenance</i></td><td>6</td></tr><tr><td><i>Total</i></td><td>7</td></tr></tbody></table>	<i>Study programme</i>	<i>Engineering studies</i>	<i>air transport</i>	1	<i>technology of aircraft maintenance</i>	6	<i>Total</i>	7
<i>Study programme</i>	<i>Engineering studies</i>								
<i>air transport</i>	1								
<i>technology of aircraft maintenance</i>	6								
<i>Total</i>	7								



Records of unemployed graduates of the faculty as of 31 December 2020

Study programme	Engineering studies
<i>air transport</i>	4
<i>technology of aircraft maintenance</i>	2
Total	6

Records of unemployed graduates of the faculty as of 31 December 2021

Study programme	Engineering studies
<i>air transport</i>	6
<i>technology of aircraft maintenance</i>	-
Total	6

Records of unemployed graduates of the faculty as of 31 December 2022

Study programme	Engineering studies
<i>air transport</i>	2
<i>technology of aircraft maintenance</i>	5
Total	7

Until 2019, the faculty published the results of its own graduate employment monitoring in the Annual Report on the Faculty's Activities, chapter 2.7 Graduates and their Employment:
<https://fpedas.uniza.sk/sk/fakulta/vseobecne-informacie/organy-fakulty/vedecka-rada>

Since 2020, the faculty has been publishing information on unemployed graduates from the Central Office of Labour, Social Affairs and Family.

Since 2013, the faculty has had its own Internal Quality Assurance System, the functionality of which was evaluated annually. Reports on the evaluation of the functionality of the internal quality assurance system also include data on the unemployment rate of graduates as one of the quality indicators.

These reports are available for individual years on the faculty's website as follows:

for 2013:

https://www.fpedas.uniza.sk/images/kvalita_vzdelavania/sprava_z_hodnotenia_funkcnosti_vnutorneho_systemu_zabezpecovania_kvality_vzdelavania_na_fpedas_2013.pdf

for 2014:



https://www.fpedas.uniza.sk/images/kvalita_vzdelavania/sprava_z_hodnotenia_funkcnosti_vnutorneho_systemu_zabezpecovania_kvality_vzdelavania_na_fpedas_2014.pdf

for 2015:

https://www.fpedas.uniza.sk/images/kvalita_vzdelavania/sprava_z_hodnotenia_funkcnosti_vnutorneho_systemu_zabezpecovania_kvality_vzdelavania_na_fpedas_2015.pdf

for 2016:

https://www.fpedas.uniza.sk/images/kvalita_vzdelavania/sprava_z_hodnotenia_funkcnosti_vnutorneho_systemu_zabezpecovania_kvality_vzdelavania_na_fpedas_2016.pdf

for 2017:

https://www.fpedas.uniza.sk/images/kvalita_vzdelavania/sprava_z_hodnotenia_funkcnosti_vnutorneho_systemu_zabezpecovania_kvality_vzdelavania_na_fpedas_2017.pdf

for 2018:

https://www.fpedas.uniza.sk/images/kvalita_vzdelavania/sprava_z_hodnotenia_funkcnosti_vnutorneho_systemu_zabezpecovania_kvality_vzdelavania_na_fpedas_2018.pdf

for 2019:

https://www.fpedas.uniza.sk/images/kvalita_vzdelavania/sprava_z_hodnotenia_funkcnosti_vnutorneho_systemu_zabezpecovania_kvality_vzdelavania_na_fpedas_2019.pdf

for 2020:

https://www.fpedas.uniza.sk/images/kvalita_vzdelavania/sprava_z_hodnotenia_funkcnosti_vnutorneho_systemu_zabezpecovania_kvality_vzdelavania_na_fpedas_2020.pdf

for 2021:

https://www.fpedas.uniza.sk/images/kvalita_vzdelavania/sprava_z_hodnotenia_funkcnosti_vnutorneho_systemu_zabezpecovania_kvality_vzdelavania_na_fpedas_2021.pdf

The relevant data is presented in the following table:

Unemployment rate of graduates:

Year	Unemployment rate (%)
2013	3,00 %
2014	7,50 %



		<table border="1"><tbody><tr><td>2015</td><td>6,20 %</td></tr><tr><td>2016</td><td>6,20 %</td></tr><tr><td>2017</td><td>4,20 %</td></tr><tr><td>2018</td><td>2,60 %</td></tr><tr><td>2019</td><td>2,50 %</td></tr><tr><td>2020</td><td>9,1 %</td></tr><tr><td>2021</td><td>19,9 %</td></tr></tbody></table>	2015	6,20 %	2016	6,20 %	2017	4,20 %	2018	2,60 %	2019	2,50 %	2020	9,1 %	2021	19,9 %
2015	6,20 %															
2016	6,20 %															
2017	4,20 %															
2018	2,60 %															
2019	2,50 %															
2020	9,1 %															
2021	19,9 %															
		<p>The figures used to work out the percentage of unemployed graduates were taken from the guidelines for distributing government funding to universities. This percentage shows how many graduates are out of work compared to the total number of graduates.</p>														
b	Successful graduates of the study programme	<p>University of Zilina, University of Transport and Communications respectively, has offered the study programme Air Transport for 70 years. Over this time, numerous graduates have graduated from the programme and found employment in both commercial and academic spheres.</p> <p>In the commercial sector, notable alumni include:</p> <ul style="list-style-type: none">• Jan Klas – Air Navigation Services of the Czech Republic – chief executive officer• Ivan Baruta – EGIS Group – principal consultant, Dubai branch• Marek Turiak – Volkswagen Slovakia – project management coordinator• Andrej Ďurikovič – Slovak Government Flying Service – director• Zoltán Bazsó – EUROCONTROL – Aviation Noise Expert at EUROCONTROL, Bretigny• Peter Choroba – EUROCONTROL – Head of Innovation programme, Bretigny• Ivan Ferencz – EASA – head of the ATM/ANS team, Cologne• Peter Reisel – AirExplore – captain• Pavol Klein – AirExplore – captain• Silvia Koblíšková – AirExplore – captain• Ján Pitor – Ryanair/Buzz – captain• Šimon Holoda – EUROCONTROL – Camos/ARTAS systems expert• Daniel Komiňák – EUROCONTROL – Business Analyst• Tomáš Súlovský – Emirates – First Officer• Radovan Zigo - DXC technology – SAP solution specialist• Ronald Wilczek – Airport Zilina – Chief Operating Officer• Martin Hromádka – Philippe Pinel Psychiatric Hospital - director• Karol Götzt – Winsland – senior consultant• Vojtech Schwarzmann – JetBee Czech Republic – captain• David Prostředník – Frequentis AG Vienna – ATM sales manager														



- **Martin Housa** – SHMU – director of Aeronautical MET Service
- **Tomáš Bracínik** – Approved training organisation of the University of Zilina – director
- **Juraj Jirků** – EGIS – director – Slovak branch
- **Miroslav Bartoš** – Air navigation services of the Slovak Republic – chief executive officer in the years 2010-2016
- **Ľubomír Žák** – Director/HoD in the years 2014 - 2020, Ministry of Defence of the Slovak republic
- **Dobroslav Chrobák** – Cirrus Aircraft – director
- **Jakub Hajko** – Heathrow Airport - Environmental Scientist at Heathrow
- **Zuzana Hrnková** – ATR Toulouse – vicepresident for marketing
- **Lukáš Bennár** – NG Aviation – ATM specialist
- **Marek Kolba** – Travel Service – Component Supervisor
- **Ľubomír Matúška** – Smartwings – flight director
- **Anna Tomová** – Honeywell – manager of customer support
- **Jakub Chmelík** – Embassy of the Czech Republic in India – Head of Economic Department, Ambassadorial Attaché
- **Karol Lysina** – Transport Authority – section of air traffic management and airports, director
- **Tibor Duchovný** – Aeropartner – quality and monitoring manager
- **Dávid Darnády** - The Aviation Factory Central Europe/ Style Jet – charter broker
- **Dušan Ingeli** – Air navigation services of the Czech Republic – quality manager, human resources specialist
- **Lukáš Tencer** – Austrian Technik Bratislava – head of maintenance planning
- **Tomáš Hruška** – Air Baltic – captain
- **Michaela Vaňová** – Lufthansa Technik AG – key account manager
- **Michal Hýsek** – Ministry of transport of the Slovak republic – head of the air transport section
- **Petr Čiviš** – AGA - Letiště – director
- **Kamil Slavík** – GNSS Centre of Excellence – chief executive officer
- **Jana Gjašíkova** – University of Zilina – bursar
- **Kai Nieruch** – Lufthansa – captain
- **Francisco Jesus Serrano Jimenz** – Qatar Airways, Senior Manager Crisis Management & Business Continuity
- **Milan Štefánik** – Qatar Airways, Flight Operations - ATM Regional Manager (Middle East/Africa)
- **Antónia Thao Čokašová** – Amadeus IT Pacific – manager of IT solutions, Sydney
- **Denisa Kontárová** – Airport Bratislava – head of airport security



		<ul style="list-style-type: none">• Igor Urbánik – Air Navigations Services of the Slovak republic – head of area control center• Ján Buršík – Air Navigations Services of the Slovak republic – head of technical division• Daniela Ficová – Qatar Airways - Senior First Officer• Radko Mrkva – Emirates – captain• René Molnár – Transport Authority – head of civil aviation section• Miroslav Reiff – SKANSKA – business strategy specialist• Katarína Kondulová – ExecuJet Luxaviation Group – charter manager <p>In the academic and research fields, successful graduates include:</p> <ul style="list-style-type: none">• <i>prof. Ing. Antonín Kazda, CSc.</i> – Univeristy of Zilina, head of the Air Transport Department in the years 2000 - 2015• <i>prof. Ing. Martin Bugaj, PhD.</i> – Vice-dean for Development and International Cooperation, Faculty of Operation and Economics of Transport and Communications• <i>doc. Ing. Branislav Kandra, PhD.</i> – head of The National Training Centre of Safety in Civil Aviation <p>These examples demonstrate the wide range of career opportunities available to graduates of the Air Transport programme. The programme has a proven track record of producing highly skilled professionals who are sought after by employers in the aviation industry and beyond.</p>
c	Evaluation of the study programme quality by employers (feedback)	<p>Since 2013, the Faculty of Operation and Economics of Transport and Communications has applied the Internal Quality Assurance System for Education, the functionality of which has been regularly evaluated every year. The reports on the evaluation of the functionality of the Internal Quality Assurance System for Education also contain data on Employers' Satisfaction with the Job readiness of Graduates as one of the quality indicators. These reports are available for each year on the Faculty's website as follows:</p> <p>for 2013:</p> <p>https://www.fpedas.uniza.sk/images/kvalita_vzdelavania/sprava_z_hodnotenia_funkcnosti_vnutorneho_systemu_zabezpecovania_kvality_vzdelavania_na_fpedas_2013.pdf</p> <p>for 2014:</p> <p>https://www.fpedas.uniza.sk/images/kvalita_vzdelavania/sprava_z_hodnotenia_funkcnosti_vnutorneho_systemu_zabezpecovania_kvality_vzdelavania_na_fpedas_2014.pdf</p> <p>for 2015:</p>



https://www.fpedas.uniza.sk/images/kvalita_vzdelavania/sprava_z_hodnotenia_funkcnosti_vnutorneho_systemu_zabezpecovania_kvality_vzdelavania_na_fpedas_2015.pdf

for 2016:

https://www.fpedas.uniza.sk/images/kvalita_vzdelavania/sprava_z_hodnotenia_funkcnosti_vnutorneho_systemu_zabezpecovania_kvality_vzdelavania_na_fpedas_2016.pdf

for 2017:

https://www.fpedas.uniza.sk/images/kvalita_vzdelavania/sprava_z_hodnotenia_funkcnosti_vnutorneho_systemu_zabezpecovania_kvality_vzdelavania_na_fpedas_2017.pdf

for 2018:

https://www.fpedas.uniza.sk/images/kvalita_vzdelavania/sprava_z_hodnotenia_funkcnosti_vnutorneho_systemu_zabezpecovania_kvality_vzdelavania_na_fpedas_2018.pdf

for 2019:

https://www.fpedas.uniza.sk/images/kvalita_vzdelavania/sprava_z_hodnotenia_funkcnosti_vnutorneho_systemu_zabezpecovania_kvality_vzdelavania_na_fpedas_2019.pdf

for 2020:

https://www.fpedas.uniza.sk/images/kvalita_vzdelavania/sprava_z_hodnotenia_funkcnosti_vnutorneho_systemu_zabezpecovania_kvality_vzdelavania_na_fpedas_2020.pdf

for 2021:

https://www.fpedas.uniza.sk/images/kvalita_vzdelavania/sprava_z_hodnotenia_funkcnosti_vnutorneho_systemu_zabezpecovania_kvality_vzdelavania_na_fpedas_2021.pdf

The relevant data is presented in the following table - employers' satisfaction with graduates' job readiness:

Year	Employers' satisfaction (%)
2013	85 %
2014	72,69 %
2015	81,16 %
2016	87,85 %
2017	90,33 %
2018	88,95 %
2019	86,72 %
2020	89,84 %
2021	91,79 %



		Inputs for the determination of these indicators were collected from at least 5 employers in the field who hired graduates of the faculty's study programmes during the reporting period (usually over a 2-year period). The assessment only covered graduates who are employed in a position requiring a university degree. The method for calculating the Employer Satisfaction indicator is provided in the relevant report.
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4. Structure and content of the study programme ²	
	Rules for the design of study plans within the study programme
	<p>The Air Transport study programme has been revised to align with the standards set by the Slovak Accreditation Agency for Higher Education (SAAVŠ) and the internal quality assurance standards of the University of Zilina (UNIZA). This is not a proposal for a new programme but rather an update to an existing one. All formalized processes of the university's quality assurance system have been adhered to throughout the alignment process, including procedures, responsibilities, and the involvement of various structures.</p> <p>The revised Air Transport study programme was developed and submitted in full compliance with the formalized processes of the internal quality assurance system at the University of Zilina (UNIZA), as outlined in Directive No. 222, which was discussed by the UNIZA Academic Senate on 4 October 2021, approved by the UNIZA Scientific Board on 14 October 2021, and came into effect on 14 October 2021.</p> <p>As this is not a new programme, it is subject to the rules for aligning study programmes with SAAVŠ standards as outlined in Directive No. 204, Article 10.</p> <p>As part of the alignment process, members of the Air Transport Study Programme Board (SP LD Board) were discussed at the dean's college meeting, subsequently approved by the Faculty's Scientific Board, and appointed by the dean. The dean entrusted the chair of the SP LD Board with aligning the study programme with the SAAVŠ standards. The chair of the SP LD Board submitted a proposal for aligning the study programme with the standards to the dean of the faculty, who then submitted it to an external expert for review. Subsequently, the chair of the SP LD Board submitted a revised proposal to the dean. The dean of the faculty submitted the proposal for aligning the study programme with the standards to the Faculty's Board of Guarantees and, after receiving comments, submitted it for approval to the Faculty's Scientific Board. Throughout the process, if any significant comments were made on the proposal, it was returned to the relevant structure for the incorporation of comments.</p> <p>Based on the approval of the proposal to align the study programme with the standards by the Faculty's Scientific Board, the dean submitted a request for assessment of the study programme's compliance with the standards to the UNIZA Accreditation Board via the UNIZA Information System.</p> <p>Throughout the entire process, the persons assessing and approving the study programme (external expert, Faculty's Scientific Board, and UNIZA Accreditation Board) are different from those who prepare the proposal for aligning the study programme.</p> <p>The nomination of members to the individual structures is recorded in the minutes of the dean's college meetings (at the dean's secretariat), and individual members were appointed by the dean. The composition of the individual structures is known and accessible.</p> <p>At the university level, policies, structures, and processes are defined by UNIZA Directive No. 222, Internal Quality Assurance System at UNIZA:</p> <p>https://www.uniza.sk/images/pdf/kvalita/2021/smernica-UNIZA-c-222.pdf</p>
a	

²Selected characteristics of the content of the study programme can be stated directly in the Course information sheets or supplemented by the information of the Course information sheets.



(hereinafter referred to as "VSK") as follows:

Policies: Directive No. 222, Article 7

Structures: Directive No. 222, Article 10, Directive No. 210 Statute of the UNIZA Accreditation Board, UNIZA Directive No. 214 Structures of the internal quality system

Processes: Directive No. 222, Article 16:

<https://www.uniza.sk/images/pdf/kvalita/2021/smernica-UNIZA-c-222.pdf>

In addition to Directive No. 222, the following directives define further procedures related to the proposal of a new study programme or the proposal for the modification of a study programme:

Directive No. 203 - Regulations for developing recommended study plans for programmes at UNIZA:

<https://www.uniza.sk/images/pdf/kvalita/2021/smernica-UNIZA-c-203.pdf>

Directive No. 204 - Regulations for the establishment, amendment, approval, and cessation of programmes at UNIZA:

<https://www.uniza.sk/images/pdf/kvalita/2021/smernica-UNIZA-c-204-uplne-znenie.pdf>

Directive No. 205 - Regulations for allocating teaching staff to programmes at UNIZA:

<https://www.uniza.sk/images/pdf/kvalita/2021/smernica-UNIZA-c-205.pdf>

Directive No. 212 - Regulations for determining the workload of research staff at UNIZA:

<https://www.uniza.sk/images/pdf/kvalita/2021/smernica-UNIZA-c-212.pdf>

Directive No. 217 - Resources to support educational, research, and related activities at the University of Žilina:

<https://www.uniza.sk/images/pdf/kvalita/2021/smernica-UNIZA-c-217.pdf>

Directive No. 218 - Regulations on the collection, processing, analysis, and evaluation of information to support programme management:

<https://www.uniza.sk/images/pdf/kvalita/2021/smernica-UNIZA-c-218.pdf>

Directive No. 220 - Evaluation of research activity of staff in relation to quality assurance in education at UNIZA:

<https://www.uniza.sk/images/pdf/kvalita/2021/smernica-UNIZA-c-220.pdf>

Directive No. 221 - Collaboration of UNIZA with external partners from industry:

<https://www.uniza.sk/images/pdf/kvalita/2021/smernica-UNIZA-c-221.pdf>

b

Recommended study plans for individual study paths



Individual study paths | Air Transport – Ing.

1. SEMESTER	2. SEMESTER	3. SEMESTER	4. SEMESTER
Statistical Analysis 112M101	Market Access in Transport 112C158		Air Transport Operation 112L101
Environmental and Safety Management 112Z255	Airport Design and Operation 1 112L151	Airport Design and Operation 2 112L201	Final Thesis 112L250
Communication Navigation and Surveillance Systems 112L102	Marketing of Airlines and Aircraft Manufacturers 112L152	Aircraft Maintenance 1 112L202	Aircraft Maintenance 2 112L251
English 1 112P102	English 2 112P152	English 3 112P202	Business Law and labor Relations in Aviation 112L252
Economics of Air Navigations Service Providers 112L103	Air Traffic Management 1 112L153	Air Traffic Management 2 112L203	Economics of airports 112L253
Airline planning and operations 112L104	Economics of airlines 112L154	Airline planning and operations - practicum 112L205	
		Airport Marketing 112L204	
Materials in Aviation 112L105	Construction of the Aircraft 112L156	Basic Machine Parts 112L206	Aircraft Maintenance Practicum 112L254
Turbine Engine 1 112L106	Turbine Engine 2 112L155	Maintenance Procedures 112L207	
		Aircraft Propeller 112L208	

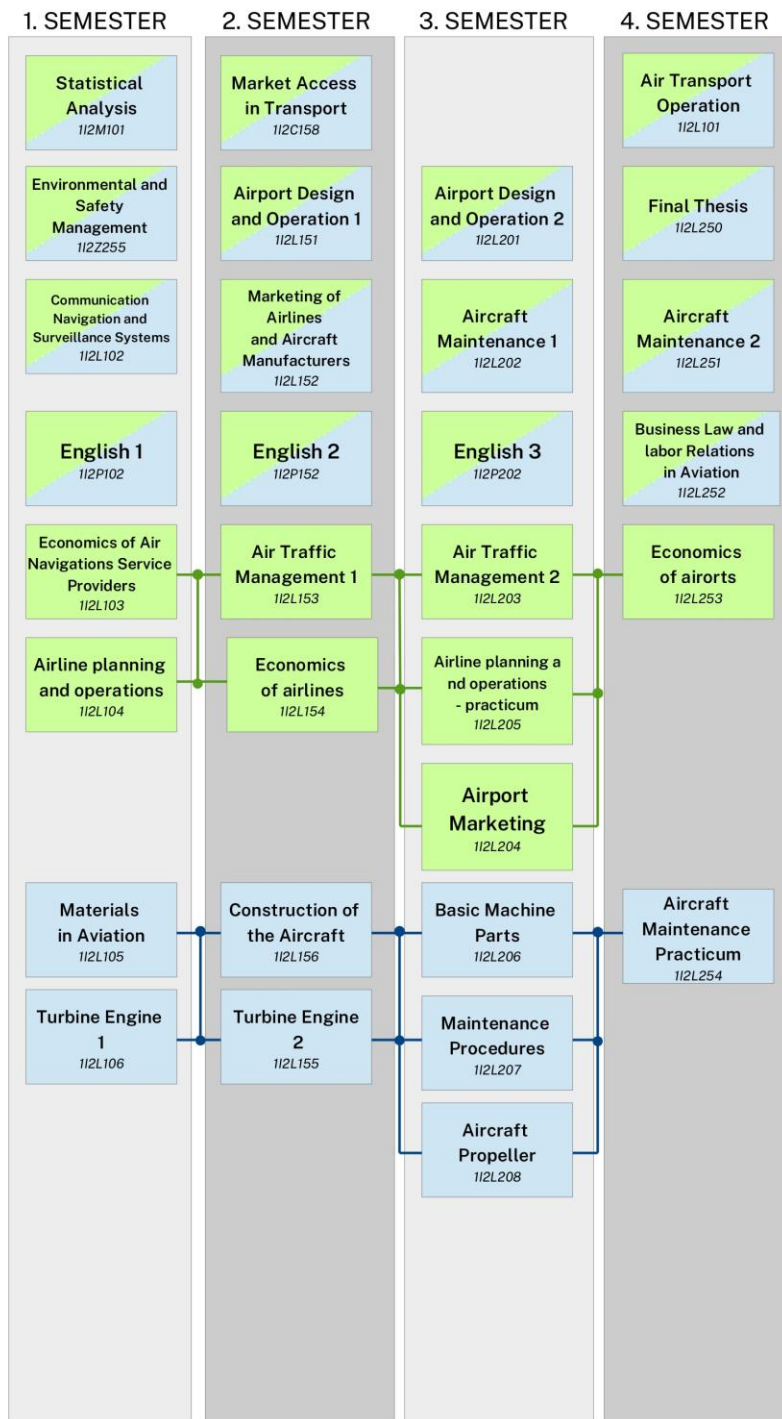
 **Compulsory** course

 **Optional** course
specialization **Air Transport**

 **Optional** course
specialization **Aircraft Maintenance**



Corequisites in the study | Air Transport – Ing.



Compulsory course

Optional course
specialization **Air Transport**

Optional course
specialization **Aircraft Maintenance**

Corequisites
specialization **Air Transport**

Corequisites
specialization **Aircraft Maintenance**



	<p>The curriculum of the air transport study programme is available at: https://akreditacia.uniza.sk/forms.php?id=3</p> <p>The course load in hours and the language in which the course is or can be taught is included in the information sheet of each course - https://akreditacia.uniza.sk/plany.php. The information sheet for a given course can be opened by clicking on the course in the study plan.</p>
c, e	The study programme, in the structure of compulsory, compulsory optional and optional courses Profile courses of the relevant study path (specialization) within the study programme
d	Number of credits, the achievement of which is a condition for proper completion of studies 120 Other requirements that the student must meet within the study programme and for its proper completion, including the requirements for state examinations, rules for re-study and rules for the extension, interruption of study Further conditions that students must meet during their studies in the study programme and for its successful completion, including conditions for state exams, rules for repeating studies, and rules for extending or interrupting studies, are outlined in Directive No. 209, Study Regulations for the 1st and 2nd cycles of university studies at UNIZA (https://www.fpedas.uniza.sk/images/uradna_tabula/smernica_209_2021.pdf). <u>During studies:</u> Conditions that students must meet during their studies, in fulfilling the study plan, gradually acquiring credits, and subsequently enrolling in the next year of study, are specified in the information sheets of individual subjects in the section "Conditions for passing the subject" and in Directive No. 209, Article 9, Verification of acquired knowledge, skills and competences in the subject, evaluation of study results, Article 12 "Completion of the academic year" and Article 13 "Enrolment in the next academic year". <u>Conditions for successful completion of studies:</u> These are outlined in Directive No. 209, Article 8, Enrolment in and completion of subjects, Article 16 "Successful completion of studies", Article 19 State exams, and Article 22 "Procedure for state exams". <u>Rules for repeating studies:</u> These are outlined in Directive No. 209, Article 12, paragraphs 2 and 4, Article 13, paragraphs 9 and 10, and Article 23 " <i>Repeat and substitute term for the state exam</i> ". <u>Rules for extension:</u> These are outlined in Directive No. 209, Article 2, paragraphs 11 and 12, and Article 13, paragraph 13. In the individual phases of the study cycle, the study rules are appropriately implemented to accommodate the needs of students with specific requirements, particularly the conditions of the admission procedure (Directive No. 209, Article 5, paragraph 5), the possibility of approving an individual study plan (Directive No. 209, Article 3, paragraph 9), and the overall conditions of study (Directive No. 209, Article 11, paragraph 27). Students with specific needs have access to the UNIZA Counselling and Career Centre. At the Faculty of Operation and Economics of Transport and Communications, the coordinator for students with specific needs is Assoc. Prof. Ing. Eva Nedeliaková, PhD., eva.nedeliakova@fpedas.uniza.sk .



e	For individual study plans, the institution states the requirements for completing the individual parts of the study programme and the student's progress within the study programme in the given structure	Proper completion of studies	Part of studies			
			1Y	2Y	3Y	4Y
	number of credits for compulsory courses required for proper completion of studies/completion of a part of studies		50	50		
	number of credits for compulsory optional courses required for the proper completion of studies/completion of a part of studies,		10	10		
	number of credits for optional courses required for the proper completion of studies/completion of a part of studies					
	number of credits required for the completion of studies/completion of a part of the studies for the common foundations and for the relevant specialization, in the case of a teaching combination study programme or a translation combination study programme					
	number of credits for the final thesis and the defense of the final thesis required for the proper completion of studies	10				
	number of credits for professional practice required for the proper completion of studies/completion of a part of studies					
	number of credits required for the proper completion of studies/completion of a part of the studies for project work with the indication of relevant courses in engineering study programmes					
	number of credits required for the proper completion of studies/completion of a part of the studies for artistic performances in addition to the final thesis in art study programmes					
Rules for the verification of learning outcomes, students' assessment and the possibilities of appealing against the assessment						
<p>The rules for verifying educational outcomes and assessing students, and the options for appeals against such assessments, are outlined in Directive No. 209, Study Regulations for the 1st and 2nd cycles of university studies at UNIZA: https://www.fpedas.uniza.sk/images/uradna_tabula/smernica_209_2021.pdf</p> <p>The rules for verifying educational outcomes and assessing students are outlined in Directive No. 209, Article 9. The options for appeals against such assessments are outlined in Directive No. 209, Article 10.</p> <p>The rules governing a student's access to remedies in the aviation transport study programme are as follows:</p> <ol style="list-style-type: none">1. A student has the right to reject ongoing assessments and examination assessments, except for a grade of FX - fail. Rejecting an examination assessment results in a grade of FX, and the next examination sitting is a resit for them, provided the student is entitled to another examination sitting. In such a case, the assessment is recorded in the AIVS UNIZA system. Only the final assessment will be displayed in the electronic study record.2. If a student has been graded "FX - fail" in an examination, they may repeat the examination at most twice (first and second resit), including a board of examiners examination.3. If a student, when first enrolling in a compulsory subject, has been graded "FX - fail" even in the second resit, they must re-enroll in that subject. If, when re-enrolling in a compulsory subject, the student has been graded "FX - fail" in the second resit, the student is expelled from their studies.						



4. A student has the right, within one working day of the publication of the final assessment in the AIVS system for a given subject, to submit a written request for a remedy, which consists of an explanation of the assessment results. An electronic request via email is also permissible, but it must be delivered to the lecturer from the student's official university email address.
5. The lecturer is required to make the results of a written examination available to the student within 3 working days if a university learning platform is used, or to set a date for an oral consultation, usually during their consultation hours, at which the student will be able to inspect their marked written work.
6. If a student does not pass an examination, even at the first resit, they may reapply for a review in accordance with paragraphs 1 and 2 of this article, and if they disagree with the assessment, they may request the presence of the pro-dean for education, or in the case of university-wide study programmes, the director of the institute, who shall authorise the guarantor of the relevant study programme to attend the consultation on the assessment.
7. If a student does not pass an examination, even at the first resit, they must sit the second resit in the presence of two examiners, if the situation and capacity of UNIZA allow.
8. If a student does not pass an examination in a subject that they have already enrolled in for the second time (so-called transferred obligation), even at the first resit, they must sit the second resit in the presence of two examiners.
9. A student may only request a board of examiners examination if the internal regulations of UNIZA have been breached during the assessment process of the given subject, and subsequently the guarantor of the subject shall determine the conduct of the board of examiners examination.
10. The members of the board of examiners for the board of examiners examination shall be appointed by the pro-dean for education in cooperation with the guarantor of the subject for faculty study programmes, and by the pro-rector for education in cooperation with the guarantor of the subject for university-wide study programmes.
11. A student has the right to request a review of ongoing assessments during the semester. They shall immediately request a statement from the lecturer, who is obliged to explain the assessment to them. If the student does not agree with this explanation, they are entitled to request a statement from the pro-dean for education, or, in the case of university-wide study programmes, the pro-rector for education, who shall provide it in cooperation with the guarantor of the study programme within 15 calendar days.

f	<p>Conditions for the recognition of studies or a part of studies</p> <p>The conditions for the recognition of studies or parts of studies are outlined in Directive No. 209, Study Regulations for the 1st and 2nd cycles of university studies, Articles 15 and 7:</p> <p>https://www.fpedas.uniza.sk/images/uradna_tabula/smernica_209_2021.pdf</p> <p>and in the case of international mobility, are outlined in Directive No. 219, Mobility of students and staff of the University of Žilina abroad:</p> <p>smernica-UNIZA-c-219.pdf</p> <p><u>For the recognition of studies or parts of studies (other than studies completed as part of a study abroad programme), the following conditions apply:</u></p> <ol style="list-style-type: none">1. A change of study programme to a study programme within the same field of study at the faculty or within university-wide study programmes at the university may be permitted for a student of their own or another faculty of UNIZA or for a student admitted to study from another higher education institution in accordance with the provisions of the Higher Education Act, based on their written request.2. For students who have changed their study programme in accordance with paragraph 1 of this article, the following applies: credits obtained through study in the previous study programme will be recognised in the new study programme if they were obtained within the previous three years at most. The recognition of credits shall be decided by the guarantor of the study programme following a prior positive assessment of their relevance to this study programme.3. The guarantor of the relevant study programme, for which the student has applied for enrolment as part of the requested change, shall set supplementary examinations for the student and the dates for
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taking them, if the student has not passed all the examinations specified in the study plan of this study programme.

4. A change of study programme to a different field of study may only be made through a new admission procedure. In the new study programme, on the basis of a written application by the student, completed obligations from the previous study will be recognised in accordance with the ECTS.
5. In accordance with § 59 of the Higher Education Act, a student of a study programme may, during their studies, submit a written application for enrolment in a study programme within the same field of study at a different faculty or higher education institution.

For the recognition of studies or part of studies within the framework of international mobility, the following conditions apply:

1. Student may complete a portion of their studies, as per the approved study plan, outside the faculty or, in the case of university-wide study programs, outside UNIZA. The student's study plan is approved by the dean of the faculty/rector, depending on where the student is enrolled.
2. Completion of a portion of studies at another higher education institution is conditional upon:
 - a) Application for an exchange study and confirmation of acceptance by the partner institution (foreign mobility or internship).
 - b) An agreement between the individual partner institutions regarding studies (in the case of UNIZA's cooperation with another partner institution that has an accredited study program in the given field of study at the partner institution or a similar field of study at a foreign partner institution, and which has a certified/accredited internal quality assurance system for higher education or in accordance with ESG 2015).
 - c) An agreement between the individual partner institutions on a joint study program, which is also jointly accredited as a joint study program in accordance with the internal quality assurance system for higher education at UNIZA.
3. A transcript of records in cases a) to c) of this paragraph.
4. To ensure student mobility, as well as studies in accordance with paragraph 8, letters b) and c) of this article, in the case of a faculty study program, the faculty coordinator is the main coordinator, who is the Vice-dean for Development and International Cooperation: doc. Ing. Martin Bugaj, PhD., martin.bugaj@fpedas.uniza.sk

Courses taken at the receiving institution shall be recognised by the faculty's Vice Dean for Education or, in the case of courses taken abroad, by the Vice-dean for Development and International Cooperation, on the basis of an application form, which shall include a transcript of the student's results of studies, to be prepared by the receiving institution at the end of the student's studies, as well as information sheets or syllabi of the courses taken. The course grade and the date on which the grade was awarded will be entered in the AIVS. The application and related documentation become part of the student's personal study file held by the Education Department.

g	<p>Topics of final theses of the study programme (or a link to the list)</p> <p>https://kniznica4.uniza.sk/combined?area=-1&rows%5B0%5D.searchFieldItem=202&rows%5B0%5D.relation=STR_EQ&rows%5B0%5D.value=KLD&rows%5B1%5D.operator=AND&rows%5B1%5D.searchFieldItem=1&rows%5B1%5D.relation=STR_EQ&rows%5B1%5D.value=DDP&rows%5B2%5D.operator=AND&rows%5B2%5D.searchFieldItem=-31&rows%5B2%5D.relation=STR_CONTAINS&rows%5B2%5D.value=&rows%5B3%5D.operator=AND&rows%5B3%5D.searchFieldItem=-14&rows%5B3%5D.relation=STR_CONTAINS&rows%5B3%5D.value=&csrf=cad9753b-b81b-48db-bd80-a3eede83289b&f%5B-22%5D=eng</p> <p><i>*Remarks: All final theses written and defended in English.</i></p>
h ; 7.e-f	<p>Rules for the assignment, processing, opposition, defence and evaluation of final theses in the study programme; list of the supervisors of final theses with the assignment to topics (indicating the contact details)</p>



The rules for the assignment, preparation, opposition, defense, and evaluation of final theses in the study program are specified at the faculty and university level in Directive No. 209, Study Regulations for the 1st and 2nd cycles of university studies at UNIZA, Articles 18-23:

[02092021_S-209-2021-Studijny-poriadok-pre-1-a-2-stupen-VS.pdf \(uniza.sk\)](#)

The rules for the assignment, preparation, and opposition of final theses at the faculty are as follows:

1. The final thesis serves to verify the knowledge, skills, and competencies that the student has acquired during their studies, and their ability to apply them to solving tasks and specific problems related to their field of study.
2. The final thesis and its defense constitute part of the state exam and is credited with 10 credits.
3. The topic of the final thesis is related to the content of the studies the student has completed, the study program, and the field of study. It is based on the research activities of the department, faculty, university, and the needs of practice.
4. In the aeronautical engineering study program, the final thesis is a diploma thesis.
5. The student selects the topic of their final thesis from a list published by the department responsible for the aeronautical engineering study program by the deadline specified in the faculty academic calendar. After this deadline, the thesis topic will be assigned to the student.
6. The student may propose their own topic for the final thesis by the deadline specified in the faculty academic calendar, provided that the topic meets the requirements specified in paragraphs 3 and 4 of this article.
7. The thesis assignment will be given to the student by the department responsible for the aeronautical engineering study program no later than the end of October of the winter semester in the final year of study.
8. The supervisor of the final thesis clarifies the solution of the thesis topic, its scope, recommends study and information sources, guides the student in the preparation of the topic, evaluates the final thesis and the student's work, and also expresses their opinion on the degree of originality of the final thesis in their written evaluation. The procedure and details are specified in Directive No. 215 on final, doctoral, and habilitation theses at the University of Žilina.
9. The head of the department where the topic was assigned appoints an opponent (and if necessary, a consultant) for each final thesis. They are selected from among professors, associate professors, assistant lecturers working in the field of study, as well as researchers from outside UNIZA and experts with the necessary qualifications from practice. In the case of bachelor's theses, doctoral students may also be opponents. The opponent of the final thesis evaluates and grades the final thesis in their written evaluation.
10. The principles for the preparation of final theses, formal requirements, and the method of originality control are based on the valid Methodological Guideline of the Ministry of Education, Science, Research and Sport of the Slovak Republic on the requirements for final theses, their bibliographic registration, storage, and accessibility.
11. For a diploma thesis, the student's solution must include, in particular, a high-quality analysis of the problem under investigation, the development of alternative solutions to the problem based on a high-quality analysis in a broader context beyond the given field, the evaluation of the proposals, and the formulation of justifications for recommending a specific solution/solutions, or in the case of technical fields, the development of a recommended proposal. A student of the 2nd cycle of university studies must demonstrate by completing the final thesis that they can use the acquired knowledge and have the ability to creatively solve problems in new or unknown environments, in broader contexts beyond their field of study. They must have the ability to integrate knowledge and formulate decisions.
12. Students present their results at the "Young Wings" scientific conference as part of their final thesis work in the form of a presentation based on their published contribution. (<https://mladekridla.uniza.sk/sk/>)
13. In accordance with the provisions of the Higher Education Act, the student must submit the final thesis in electronic form to the Central Register of Final, Doctoral, and Habilitation Theses (hereinafter referred to as "CRZP"), and the degree of originality of the submitted thesis will be verified based on information from the CRZP. Details are regulated by Directive No. 215 on final, doctoral, and habilitation theses at UNIZA: [smernica-UNIZA-c-215.pdf](#)
14. The student submits the final thesis no later than the deadline specified in the faculty academic calendar: <https://fpedas.uniza.sk/sk/studenti/vseobecne-informacie/akademicky-kalendar>



Rules for the organization and conduct of state exams at the faculty are:

State exams:

1. State exams serve to verify whether a student has acquired the knowledge and skills required by the study plan and is prepared for professional practice. Studies in the aeronautical engineering study program conclude with a state exam.
2. State exams are held in accordance with the provisions of the Higher Education Act. The state exam consists of a final thesis and its defense. The state exam may also include additional subjects or an oral examination, as specified in the description of the aeronautical engineering study program.
3. A student may only take the state exam after fulfilling all other study requirements prescribed by the study program.
4. A student may retake the state exam, or any of its individual components (i.e., the final thesis, subjects, or oral examination, if part of the state exam), a maximum of two times, within the term of the longest possible study period, which is equal to the standard length of the study program increased by two years.
5. The organization of state exams in the study program is ensured by the department responsible for the aeronautical engineering study program, in cooperation with the education office. Details are specified in methodological guidelines, which are located on the faculty's intranet and are addressed to study advisors of individual study programs, who also communicate them with an explanation to students.
6. A student must complete the state exam (including any retakes) no later than the deadline limited by the maximum study period, which is equal to the standard length of the study program increased by two years.

Examination Board

1. The state exam is conducted by the student in a single session before an examination board. The examination board consists of a chair and at least three other members. The examination board is appointed by the dean.
2. Only university teachers holding the positions of professor or associate professor, and other experts as specified in the Higher Education Act and approved by the Faculty Scientific Council, have the right to examine students at the state exam. In the case of bachelor's programs, university teachers holding the position of assistant professor with a third-degree university education may also examine. Significant experts in the given field of study from other universities, legal entities conducting research and development in the territory of the Slovak Republic or from practice, as well as significant experts in a similar field of study from abroad, who are approved by the Faculty Scientific Council, are also included in the examination boards for conducting state exams.
3. At least two members of the examination board, in the case of engineering study programs, are university teachers holding the positions of professor or associate professor, and in the case of bachelor's programs, at least one member of the examination board is a university teacher holding the position of professor or associate professor.

Preparation for State Exams

1. State exams are held on dates specified in the faculty academic calendar:
<https://fpedas.uniza.sk/sk/studenti/vseobecne-informacie/akademicky-kalendar>
2. The head of the department responsible for the aeronautical engineering study program will allow the student to familiarize themselves with the supervisor's and opponent's assessments of the final thesis no later than three days before the defence date, as specified in the faculty academic calendar.
3. Students must register for the state exam at the department no later than the deadline specified in the faculty academic calendar.
4. The department will publish the state exam schedule at least one week before the start of the state exams.



Conduct of State Exams

1. State exams are public.
2. The chair of the examination board directs the state exam and is responsible for the board's activities.
3. State exams are held in the presence of the chair and at least three other members of the examination board.
4. During the defence of the final thesis, the student presents the results achieved in the final thesis, expresses their opinion on the supervisor's and opponent's assessments of the final thesis, and answers questions about the final thesis.
5. The supervisor and opponent of the final thesis usually also participate in the defence. Their participation is not a necessary condition for conducting the state exam.
6. The examination board decides on the outcome of the state exam and the overall result of the studies.
7. The state exam is assigned credits. The number of credits for defending the final thesis is stated in the study plan of the aeronautical engineering study program, amounting to 15.
8. When grading, the examination board also considers the student's academic results throughout their university studies.
9. The result of the state exam is graded verbally using grades specified in the faculty/institute's internal regulations: "**excellent**," "**insufficient**," "**passed**" - in all other cases.
10. The overall study result is classified verbally using the following grades: a) "**passed with honors**" - if the student passed the state exam with the grade "excellent" and achieved an overall weighted average of: aa) in the 1st cycle of studies: max. 1.3 (1.4 if at least one semester of study was completed abroad), ab) in the 2nd cycle of studies: max. 1.2 (1.4 if at least one semester of study was completed abroad), "**failed**" - if the student failed the state exam, "**passed**" - in all other cases.
11. The commission decides on the classification of the state exam, as well as the classification of the overall study result, by voting at a private meeting on the day of the state exam. In the event of a tie, the chair of the commission has the deciding vote. The chair of the commission will inform the student of the classification of the thesis defense, the overall result of the state exam, and the overall study result on the day of the state exam.
12. A record is made of the course of each student's state exam, which is signed by the chair and the attending members of the examination board.
13. The chair of the commission, or a person authorized by the chair (secretary of the commission), enters the grade for the thesis defence into the student's electronic study record in AIVS.
14. If the student does not appear for the state exam (in the regular or resit term) at the specified time and does not submit a written excuse for their absence within 5 calendar days of this date, they will be graded with "**insufficient**."

Resit and Substitute Dates for the State Exam

A student who has been graded "FX - insufficient" on the state exam may retake the state exam a maximum of two times. In the record of the state exam, the state exam commission will specify:

1. Reworking of the thesis;
2. Change of the thesis topic;
3. Repetition of the subject of the state exam or the oral examination;
4. A combination of points 1, 3, or possibly 2, 3.
5. A student who has been graded "FX - insufficient" on the state exam may register for a resit no earlier than the next state exam date specified in the faculty academic calendar or by the dean of the faculty, but not earlier than two months after the regular or first resit term in which they failed.
6. If the dean of the faculty sets the date for the state exams, the date of the state exams is set by the faculty academic calendar or by the dean of the faculty. The date must be announced through the head of the department at least 30 calendar days before the state exams are held.



7. A student who has been graded "FX - insufficient" on the state exam even in the second resit term will be expelled from their studies by the dean of the faculty for failing to meet the requirements arising from the study program and the study regulations of the university and faculty according to § 66 paragraph 1 letter c) of the Higher Education Act; the date of completion of studies is the date on which the decision becomes legally effective.
8. For a student who did not appear for the state exam or its resit at the specified time and whose absence was excused no later than 5 calendar days after the state exam, the dean of the faculty will set a substitute date for the state exam and will inform the student through the head of the department at least 30 calendar days before it is held.
9. A student who has postponed or is retaking state exams must register for the next exam term. If these exams do not take place in the current academic year, they must register for the following academic year and pay tuition fees. They may interrupt their studies until the state exams are taken.

All documentation is stored at the Education Office of FPEDAS UNIZA (available for inspection on site):

- Records of study progress, records of the state exam
- Records of the student's academic lifecycle - student file
- Records of study completion and the issuance and delivery of study completion documents - graduates' book
- Records of study completion other than regular completion - withdrawal, interruption of studies.

i **Opportunities and procedures for participation in student mobility**

At the university level, these procedures are outlined in Directive No. 219 – Mobility of Students and Employees of the University of Žilina Abroad, Article 2:

[smernica-UNIZA-c-219.pdf](#)

and in Directive No. 209 – Study Regulations for the 1st and 2nd Levels of University Studies at UNIZA, Article 7:

[02092021_S-209-2021-Studijny-poriadok-pre-1-a-2-stupen-VS.pdf \(uniza.sk\)](#)

Within the Air Transport study program, opportunities and procedures for student mobility participation are provided as follows: The study program allows corresponding education outside the university at domestic and foreign academic institutions, as well as the recognition of results achieved at these institutions. All necessary documents can be found on the UNIZA and FPEDAS websites: Information for Students about Studying Abroad:

<https://www.fpedas.uniza.sk/en/students/general-information/study-abroad>

Information on Erasmus+ mobilities:

<https://www.fpedas.uniza.sk/en/students/general-information/erasmus>

1. Completing part of the study at another university is conditioned by:
 - a) an application for exchange study and confirmation of acceptance by the partner institution (foreign mobility or internship),
 - b) an agreement between the partner institutions regarding the study program (in the case of cooperation between UNIZA and another partner institution that has an accredited study program in the given field of study or a similar field at the foreign partner institution, and which has a certified/accredited internal quality assurance system for higher education or in compliance with ESG 2015),



- c) an agreement between the partner institutions regarding a joint study program, which is jointly accredited as a joint study program in compliance with the internal quality assurance system for higher education at UNIZA,
 - d) a transcript of study results in the case of items 1) to 3) of this paragraph.
2. To ensure student mobility and study within the faculty's study program, the main coordinator is appointed as the faculty coordinator, who is the Vice-Dean for Development and International Cooperation.
- a) The coordinator's role is to organize partner, mostly international cooperation in the educational field, address tasks related to sending and receiving students, and provide counseling services on study opportunities.
 - b) When studying at another university in Slovakia or abroad, a contract is signed between the student, the relevant faculty of UNIZA or UNIZA itself, and the partner institution providing the study. Details are stipulated by the Ministry of Education, Science, Research, and Sport of the Slovak Republic decree on the credit system of study. The contract is signed before the student begins studies at the receiving university.
 - c) Courses completed at the receiving institution are recognized by the Vice-Dean for Education at the faculty or, in the case of study abroad, the Vice-Dean for Development and International Relations, based on the student's request. The request must include a transcript of study results, which the receiving institution prepares at the end of the student's study, as well as information sheets or syllabi of completed courses. The course assessment will be entered into the AIVS. The request and related documentation become part of the student's personal academic documentation kept by the Education Office.
 - d) For the successful completion of the bachelor's study program, a minimum of 180 credits is required, and for the standard four-year duration, 240 credits are required. In the master's program, 120 credits are required.
 - e) Credits obtained for successfully completing a course can be counted towards the total number of credits within 3 years of completing the course.

Responsible persons:

Prof. Ing. **Andrej Novák**, PhD. – Study Program Coordinator (andrej.novak@fpedas.uniza.sk)

Assoc. Prof. Ing. **Katarína Valášková**, PhD. – Vice-Dean for Education (katarina.valaskova@fpedas.uniza.sk)

At FPEDAS, the following employees are appointed for student consultations regarding mobilities:

Assoc. Prof. Ing. Martin Bugaj, PhD. – Erasmus+ Faculty Coordinator: tel.: [+421/41/513 34 56](tel:+421415133456),
email: martin.bugaj@fpedas.uniza.sk

Ing. Vladimír Šalaga, PhD. – Mobility Coordinator at FPEDAS: tel.: [+421/41/513 30 62](tel:+421415133062),
email: vladimir.salaga@fpedas.uniza.sk

Rules for adherence to academic ethics and rules for drawing consequences

Students of the Air Transport study program are guided in the course of their education to adhere to the principles of academic ethics.

UNIZA has a formalized ethical code for employees through Directive No. 207 – Ethical Code of the University of Žilina:

- The principles for students of UNIZA are outlined in Article 7 of Directive No. 207. This directive expresses the basic moral and ethical requirements for the academic community and other university employees in compliance with the Constitution of the Slovak Republic, Act No. 131/2002 Coll. on Higher Education as amended, the University Statute, and other regulations.
- Any violation of academic ethics and subsequent measures are addressed by the university's ethical commission, which is appointed by the rector.



- Regarding adherence to the Ethical Code, every member of the academic community and university employee has the right to file a complaint with the Chair of the Ethical Commission.
- Any UNIZA employee, faculty employee, UNIZA student, or any other person who becomes aware of a student's or employee's conduct that may violate the Ethical Code may file a complaint with the Chair of the Ethical Commission.
- The Ethical Commission's opinion, in the case of a violation of the Ethical Code, will include a recommendation or proposal for corrective actions to be taken by the relevant decision-making bodies, such as the rector, dean, or other head of UNIZA components, in accordance with the Organizational Order of UNIZA.

The result of the Ethical Commission's proceedings may also be a recommendation for a procedure in accordance with § 108f et al. of Act No. 131/2002 Coll. on Higher Education as amended, including the annulment of a state exam or part of it by the rector of the university.

A student's conduct against the principles of academic ethics, violation of the principles outlined in Article 7 of Directive No. 207, particularly plagiarism in final theses, seminar papers, use of unauthorized practices during exams, etc., may lead to an assessment of the course with the grade "FX" or disciplinary proceedings in accordance with Directive No. 201 – Disciplinary Code for Students of the University of Žilina, which defines a "disciplinary offense" as the intentional violation of legal provisions or internal regulations of UNIZA and its components, or public order, and also specifies the actions that constitute a disciplinary offense (Directive No. 201, Article 2).

Rules for maintaining academic ethics and the consequences of violations at UNIZA are therefore governed by: Directive No. 207 – Ethical Code of the University of Žilina:

https://www.uniza.sk/images/pdf/uradna-tabula/smernice-predpisy/2021/12072021_S-207-2021-Etický-kodex-UNIZA.pdf

Directive No. 201 – Disciplinary Code for Students of the University of Žilina:

[02092021_S-201-2021-Disciplinarny-poriadok-pre-studentov-UNIZA.pdf](https://www.uniza.sk/images/pdf/uradna-tabula/smernice-predpisy/2021/02092021_S-201-2021-Disciplinarny-poriadok-pre-studentov-UNIZA.pdf)

Disciplinary Commission of FPEDAS:

<https://fpedas.uniza.sk/sk/fakulta/vseobecne-informacie/organy-fakulty>

Directive No. 215 on Final, Rigorous, and Habilitation Theses at the University of Žilina:

<https://www.uniza.sk/images/pdf/kvalita/2021/smernica-UNIZA-c-215.pdf>

Directive No. 226 on Authorial Ethics and Elimination of Plagiarism at the University of Žilina:

<https://www.uniza.sk/images/pdf/kvalita/2021/smernica-UNIZA-c-226.pdf>

Procedures applicable to students with special needs

At the university level, the following procedures are defined by Directive No. 198 – Support for Applicants and Students with Special Needs at the University of Žilina and Directive No. 209 – Study Regulations for the 1st and 2nd Levels of University Education at UNIZA.

UNIZA and the faculty provide individualized support and create suitable conditions for students with special needs in the study program.

In the various phases of the study cycle, the study rules are appropriately applied to the conditions of students with special needs, especially regarding the conditions for admission (Directive No. 209, Article 5, Paragraph 5), the possibility of granting an individual study plan (Directive No. 209, Article 3, Paragraph 9), and the overall study conditions (Directive No. 209, Article 11, Paragraph 27).

The procedures applicable to students with special needs in a given study program are:

- For study programs, the dean may allow students with special needs or serious health problems to study according to an individual study plan (ISP).
- The ISP is developed by the student in cooperation with the study program guarantor and is approved by the dean or vice-dean for education in collaboration with the study program guarantor.



- The study conditions according to the ISP must be agreed upon with the instructors, preferably no later than the first week of the relevant semester. The ISP must allow the student to acquire the same knowledge in the study subjects as the standard study plan, using different forms and methods of instruction.
- If an applicant with special needs is required to take an entrance exam, based on their request and after evaluating their specific needs in accordance with § 100, Paragraph 9, Letter b) of the Higher Education Act, the dean or vice-dean for education will determine the form and manner of the entrance exam, considering the applicant's special needs and in accordance with Directive No. 198 – Support for Applicants and Students with Special Needs at the University of Žilina.
- In justified cases, the dean may, upon the student's request, allow an individual form of study organization for students with special needs or students from disadvantaged social backgrounds, in accordance with Directive No. 198 – Support for Applicants and Students with Special Needs at the University of Žilina.
- A student can submit a request for inclusion in the register of students with special needs if they agree to the evaluation of their specific needs. The request is submitted at the beginning of the academic year to the relevant faculty coordinator.

The student must attach relevant documents, such as:

1. A medical certificate not older than three months, including a medical report on the course and development of the illness or disability, or an extract from medical records, or
 2. An assessment from a psychologist, speech therapist, school psychologist, school speech therapist, or special education teacher.
- The dean issues a decision on granting the status of a student with special needs for the entire duration of the study program at the given level, based on the recommendation of the commission for evaluating specific needs. This document is used by the student in communication with university teachers and other university staff as needed.
 - In some cases, based on the recommendation of the commission for evaluating specific needs, a decision may be made to grant the status of a student with special needs for one academic year, for students whose health condition is expected to improve.
 - A student with special needs is entitled to support services at the university according to the extent and type of specific needs, in accordance with § 100, Paragraph 4 of the Higher Education Act. Appropriate adjustments and support services are determined for the entire duration of the study program.

Students can familiarize themselves with their rights, information about providing support services, and the necessary forms on the university and faculty website:

<https://uniza.sk/index.php/studenti/vseobecne-informacie/studenti-so-specifikymi-potrebami>

Students with special needs have access to the UNIZA Counseling and Career Center, as well as psychological counseling:

<https://www.uniza.sk/index.php/studenti/prakticke-informacie/poradske-a-karierne-centrum-uniza>

At FPEDAS UNIZA, the coordinator for students with special needs is Associate Professor Ing. Eva Nedeliaková, PhD., eva.nedeliakova@fpedas.uniza.sk, tel.: +421 41 513 3409

Procedures for filing complaints and appeals by students

At the university level, these procedures are defined in Directive No. 209 – Study Regulations for the 1st and 2nd Levels of University Education at UNIZA, Article 10.

Students of the given study program have sufficient mechanisms for addressing their rights through the review of complaints:

- Existence of a box for submitting anonymous complaints,
- Complaints submitted through their representatives in the Academic Senate of FPEDAS to the Education Office, the academic secretary, department heads, vice-dean for education, and dean. The dean of the faculty addresses each complaint, whether anonymous or non-anonymous,



- Students can submit their complaints at meetings with the dean, which are regularly organized by the student section of the Academic Senate of FPEDAS. These meetings are publicized through the faculty's Facebook or website: <https://fpedas.uniza.sk/sk/studenti/vseobecne-informacie/oznamy>.
- Students can also provide their feedback through quality research conducted at the faculty in the MsTeams application after each teaching section of the semester, where they can anonymously comment on the quality of the instructor's approach and the quality of the teaching itself, using a rating scale from 1 to 5, along with a comment on the assessed area,
- Students will also be able to address their concerns to their representatives in the Council of the Air Transport Study Program.

The review of complaints is transparent and involves student representatives.

Directive 209 – Study Regulations for the 1st and 2nd Levels of University Education at the University of Žilina: [02092021_S-209-2021-Studijny-poriadok-pre-1-a-2-stupen-VS.pdf \(uniza.sk\)](https://fpedas.uniza.sk/sk/studenti/vseobecne-informacie/oznamy/kava-s-dekanom)

At an informal level, students can also utilize meetings with the faculty leadership. Information is available at: <https://fpedas.uniza.sk/sk/studenti/vseobecne-informacie/oznamy/kava-s-dekanom>

Results of the quality research on teaching and the instructor's approach: <https://fpedas.uniza.sk/sk/fakulta/vseobecne-informacie/kvalita-vzdelavania>

5. Course information sheets of the study programme (In the structure according to Decree no. 614/2002 Coll)

1. year

winter term

1I2L102 Communication, Navigation and Surveillance Systems
1I2M101 Statistical Analysis
1I2P102 English 1
1I2Z255 Environmental and Safety Management
1I2L103 Economics of Air Navigations Service Providers
1I2L104 Airline planning and operations
1I2L105 Materials in Aviation
1I2L106 Turbine Engine 1

summer term

1I2C158 Market Access in Transport
1I2L151 Airport design and operation 1
1I2L152 Marketing of Airlines and Aircraft Manufacturers
1I2P152 English 2
1I2L153 Air Traffic Management 1
1I2L154 Economics of Airlines
1I2L155 Turbine Engine 2
1I2L156 Construction of the Aircraft
1I2L157 Flight training of unmanned aerial vehicles



<p>2. year winter term 1I2L201 Airport design and operation 2 1I2L202 Aircraft Maintenance 1 1I2P202 English 3 1I2L203 Air Traffic Management 2 1I2L204 Airport Marketing 1I2L205 Airline planning and operations - practicum 1I2L207 Maintenance Procedures 1I2L208 Aircraft propeller 1I2L206 Basic Machine Parts 1I2L209 Air Traffic Management – practicum</p> <p>summer term 1I2L101 Air Transport Operation 1I2L250 Final Thesis 1I2L251 Aircraft Maintenance 2 1I2L252 Business Law and Labour Relations in Aviation 1I2L253 Economics of Airports 1I2L254 Aircraft Maintenance Practicum</p> <p><i>*Remarks: The link for this information is https://vzdelavanie.uniza.sk/vzdelavanie/plany.php</i></p>
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6. Current academic year plan and current schedule	
Current academic year plan	https://www.uniza.sk/images/pdf/akademicky-kalendar/05032024_Ramcovy-akademicky-kalendar-UNIZA-2024-2025.pdf
Current schedule	https://vzdelavanie.uniza.sk/vzdelavanie/rozvrh2.php

7. Persons responsible for the study programme			
a	A person responsible for the delivery, development, and quality of the study programme (indicating the position and contact details)		
	Andrej Novák, prof., Ing., PhD., Position - Professor, andrej.novak@uniza.sk		
b – c	List of persons responsible for the profile courses of the study programme		
	Name, Surname, titles on the position of the associated professor or professor	Profile course name	Additional information
d	List of teachers of the study programme (including doctoral students) with the assignment to the course		
	Name, Surname and titles	Profile course name	Organizational form provided by teacher
e – f	List of thesis supervisors with topic assignment		
	n/a		



g	Student representatives representing the interests of students of the study programme	
	Name, Surname and titles	Contact details
	Samuel Slezák – AS FPEDAS Bc. Emília Alexandra Ďurčo (rod. Pavlusíková) – Board of the Master's Degree Study Program Martin Loja – Board of the Bachelor's Degree Study Program Members of the Student Section of the Academic Senate of FPEDAS: <ul style="list-style-type: none">• Sauli Alex Hakkarainen• Sofia Halasová• Ing. Marek Nagy• Robin Bednářik• Mária Sitárová• Samuel Slezák• Petra Cáderová Academic Senate of FPEDAS: https://fpedas.uniza.sk/sk/fakulta/vseobecne-informacie/organy-fakulty/akademicky-senat	Slezak18@stud.uniza.sk pavlusikova2@stud.uniza.sk loja@stud.uniza.sk
H	Study advisor of the study programme	
	Study Advisors at FPEDAS are published along with their contact information at: https://www.fpedas.uniza.sk/sk/studenti/vseobecne-informacie/studijni-poradcovia Study Advisor for the Air Transport Study Program: Ing. Radoslava Nichtová Email: radoslava.nichtova@fpedas.uniza.sk Phone: +421 41 513 3473 Consultation Hours: Monday, Wednesday, Friday: 8:00–10:00 AM	
I	Other supporting staff of the study programme – assigned study officer, career counsellor, administration, accommodation department, etc.	
	The Air Transport Study Program is supported by sufficient personnel to meet the needs of students and teachers: Study Officer: Bc. Mária Ďurišová, durisova@fpedas.uniza.sk Other Study Officers (mutually substitutable): studref@fpedas.uniza.sk Head of the Education Department, UNIZA: PhDr. Renáta Švarcová, svarcova@uniza.sk Study Advisor: Ing. Radoslava Nichtová, radoslava.nichtova@fpedas.uniza.sk Erasmus+ and Student Mobility Coordinator: Vladimír Šalaga, PhD., vladimir.salaga@fpedas.uniza.sk Coordinator for Psychological Counseling for Students and Staff: Mgr. Michaela Žiaková, michaela.ziakova@uniza.sk Counseling and Career Center, including psychological counseling: https://uniza.sk/index.php/studenti/prakticke-informacie/poradenske-a-karierne-centrum-uniza Contact Person for UNIZA Dining Facilities:	



Anna Ďatková, datkova@uniza.sk

Dining information:

<https://www.fpedas.uniza.sk/sk/uchadzaci/studentsky-zivot/moznosti-stravovania>

Contact Person for UNIZA Accommodation for FPEDAS Students:

Anna Kačiaková, kaciakova@uniza.sk

Accommodation information:

<https://www.fpedas.uniza.sk/sk/uchadzaci/studentsky-zivot/moznosti-ubytovania>

Contact Person for Social Scholarships:

Bc. Jana Závodská, zavodska@uniza.sk

Scholarship information:

<https://www.uniza.sk/index.php/studenti/vseobecne-informacie/stipendia>

Faculty Coordinator for Students with Specific Needs:

doc. Ing. Eva Nedeliaková, PhD., nedeliakova@fpedas.uniza.sk

Information for students:

<https://www.uniza.sk/index.php/studenti/vseobecne-informacie/studenti-so-specifickymi-potrebami>

UNIZA Coordinator for Studies Abroad:

Ing. Lucia Pijaková, lucia.pijakova@uniza.sk

Study abroad information:

<https://www.uniza.sk/index.php/studenti/vseobecne-informacie/studium-v-zahranici>

UNIZA Erasmus+ Mobility Coordinator:

Ing. Lucia Pijaková, lucia.pijakova@uniza.sk

Erasmus+ information:

<https://www.uniza.sk/index.php/studenti/vseobecne-informacie/erasmus>

Coordinator for Tuition Fees and Charges:

Jana Závodská, jana.zavodska@uniza.sk

Fees information:

<https://www.uniza.sk/index.php/studenti/prakticke-informacie/skolne-a-poplatky>

University Library Staff:

<http://ukzu.uniza.sk/kontakt/>

Advisors for E-Learning:

Ing. Peter Fraňo, frano@uniza.sk

Ing. Peter Malacký, peter.malacky@uniza.sk

E-learning information:

<https://www.uniza.sk/index.php/studenti/prakticke-informacie/e-vzdelavanie>

Air Transport students also have ample opportunities for extracurricular activities:

Leisure activities:

<https://www.fpedas.uniza.sk/sk/uchadzaci/studentsky-zivot/volny-cas>

Student organizations for sports and culture:

<https://www.uniza.sk/index.php/studenti/studentsky-zivot/studentske-organizacie>



8.	Spatial, material, and technical provision of the study programme and support
A	<p>List and characteristics of the study programme classrooms and their technical equipment with the assignment to learning outcomes and courses (laboratories, design and art studios, studios, workshops, interpreting booths, clinics, priest seminaries, science and technology parks, technology incubators, school enterprises, practice centres, training schools, classroom-training facilities, sports halls, swimming pools, sports grounds).</p> <p>At the level of FPEDAS and UNIZA, adequate spatial, material, and technical resources for the study program are provided, ensuring the achievement of established goals and educational outcomes. The resources include the following:</p> <p>Classrooms and Laboratories The faculty is located in Building BF, Univerzitná 1, Žilina. Teaching is carried out using classrooms managed by the Rectorate of the University of Žilina according to the schedule – university-wide classrooms, as well as faculty and departmental classrooms and laboratories. These facilities comply with hygiene, fire safety, and occupational health and safety standards, and are considered sufficient for the planned number of students.</p> <p>University-wide Classrooms:</p> <ul style="list-style-type: none">• 12 lecture halls with capacities ranging from 280 to 117 seats.• 38 classrooms with capacities ranging from 97 to 25 seats. <p>The list of university-wide classrooms is available at: https://vzdelavanie.uniza.sk/vzdelavanie/download/doc/UNIZA-ucebne-nazvy.pdf</p> <p>Virtual tours of university-wide classrooms are available at: https://www.uniza.sk/index.php/verejnost/uniza-v-obrazoch/virtualna-prehliadka</p> <p>Faculty Classrooms and Laboratories:</p> <ul style="list-style-type: none">• 18 classrooms and laboratories (all spaces are equipped with internet access). <p>The list of faculty classrooms and laboratories is available at: https://vzdelavanie.uniza.sk/vzdelavanie/download/doc/UNIZA-ucebne-nazvy.pdf</p> <p>Specialized Classrooms and Laboratories for the Air Transport Program:</p> <p>Classroom LA007</p> <p>A specialized classroom (laboratory) for teaching the subjects Airport Design and Operation 1 and Airport Design and Operation 2. In addition to multimedia equipment, it is equipped with teaching aids for airport design and operation.</p> <p>Description of the classroom:</p> <p>This is a spacious specialized classroom with a capacity of 50 seats for students. The classroom is equipped with a variety of tools, functional samples of equipment and materials used at airports, and airport models with technical diagrams and visualizations for teaching purposes.</p> <p>Classroom Equipment:</p> <ul style="list-style-type: none">• Samples of paving materials for cement concrete pavements• A sample of cellular concrete for constructing aircraft restraint systems (EMAS)• A sample of chemicals for de-icing runways• A sample of de-icing fluids for Type I and Type II aircraft de-icing• A sample of sand for improving the anti-skid properties of icy runways• A sample of sand for determining the macrotecture of runways• A functional model of an airport movement area equipped with a runway (RWY) for CAT II/CAT III precision approach conditions, including:



- Daytime RWY markings: THR marker; RWY identification marker; centerline marker; RWY edge markings; touch-down zone markings; aim point marker
- Daytime TWY and APN markings: centerline markers; holding bay markings; parking stand markings; stop markings
- Precision approach system ALPA – ATA supplemented for CAT II/CAT III
- Centerline light system
- Touchdown zone light system
- Runway edge lights
- Threshold bar
- End bar
- PAPI approach light system
- Rapid exit taxiway indicator lights (RETILS)
- Taxiway edge lights
- Holding bay light bars
- Holding bay protective lights "vig-vags"
- Taxiway centerline markers

- A model of an airport terminal for a commercial airport
- First-generation runway edge light fixture Elektrosignál Praha
- Second-generation runway edge light fixture Elektrosignál Praha
- Third-generation runway edge light fixture THORN
- Recessed touchdown zone/runway centerline light fixture 1st generation Elektrosignál Praha
- Recessed touchdown zone/runway centerline light fixture 2nd generation ADB
- Recessed touchdown zone/runway centerline light fixture 3rd generation THORN
- Reflective approach/threshold light fixture CAT I-III 1st generation Elektrosignál Praha
- Reflective approach/threshold light fixture CAT I-III 3rd generation THORN
- PAPI approach light fixture 2nd generation Elektrosignál Praha
- Break connector for securing overhead signs
- Isolation transformer for supplying power to signs
- Single-core power cable for series circuits 6.3 mm²
- FAA connectors for single-core cable
- Flex cable for supplying power to signs - secondary circuit
- FAA connectors for single-core cable
- Marker for installation on the taxiway centerline
- Speaker system
- Projection display device

The classroom is used for teaching the following subjects:

- Airport Design and Operation 1
- Airport Design and Operation 2

This classroom is specifically designed for students studying airport design and operations, providing them with hands-on experience and visual aids.

Classroom LA008

- Specialized classroom (laboratory) for professional courses, equipped with multimedia technology, teaching aids, and models of propulsion systems.

Description:

Spacious classroom with a capacity of 50 seats, equipped with various models of aircraft propulsion systems and technical sections for educational purposes.

Equipment:

- Functional movable model of the L-410 Turbolet M601 turbine engine (1:1 scale).
- Static models of compressed air generator AI-9, auxiliary power units TG-16, TA-8, and TA-6 (all 1:1 scale).
- Sectioned VK-1 turbine propulsion unit from Mig-15 aircraft (1:1 scale).
- Sectioned M337 piston propulsion unit from Zlin Z-142 aircraft (1:1 scale).
- Functional 3D models of turbine aircraft propulsion units (1:10 scale).
- Components of piston and turbine aircraft propulsion systems.
- Schematics of aircraft propulsion systems.



- Speaker system and projection equipment.

Courses Taught:

- Aircraft Propulsion Systems 1
- Aircraft Propulsion Systems 2
- Aircraft 1
- Aircraft 2
- Technical Mechanics and Elasticity

Laboratory LA015, LA014 – BITD

- Specialized laboratory for professional subjects in the master's degree program in air transport.

Description:

A spacious laboratory with a capacity of 6 students, featuring the fully integrated ELITE S612 BITD system, which includes a closed pilot cockpit with projection and a dedicated instructor station. It also houses two ELITE Basic ATD devices, considered highly effective for synthetic training. Laboratory LA015 is connected to room LA014, designed for studying avionics sensors, instruments, and systems.

Equipment:

- ELITE S612 BITD simulator.
- 2x ELITE Simulation Solutions / Basic ATD.
- 2x Garmin aera 500 aviation navigation devices.
- Mockup of an aviation magnetic compass.
- Projection equipment.
- Various aviation instruments:
- Speedometers, variometers, directional gyros, artificial horizons, and G-meters.
- Barometric altimeters, cabin altimeters, and composite engine information indicators (ZLIN aircraft).
- PITOT-STATIC tubes and venturi tubes.
- Pressure gauges and gyroscopic centrals.

Courses Taught:

- Aircraft Instruments 1
- Aircraft Instruments 2
- Navigation

Classroom LA006 – Seminar and Computer Classroom

- Specialized computer laboratory for professional subjects in the master's degree program in air transport.

Description:

A computer-equipped classroom with interactive projection capabilities, allowing students to work with navigation and avionics systems as well as flight planning and management software.

Equipment:

- Interactive board with audio system.
- 12 PCs and a Lenovo tablet (snr: SPK2XBGR).
- Software:
- Garmin 1000.
- PC Trainer: GTN, G500/G600 TXi, GDU 620, GNX 375, GNC 355/355A, GPS 175.
- SkyDemon plan 3.15.4.0.
- Internet access for working with air traffic management systems.

Courses Taught:

- Aircraft Instruments 1
- Aircraft Instruments 2
- Theoretical Flight Training 1
- Navigation

Laboratory LC032

- Specialized laboratory for teaching professional subjects.

Equipped with multimedia tools, educational aids, tools, and functional unmanned aerial systems (UAS) with accessories.

Classroom Description:

A spacious specialized laboratory with a capacity of 15 students. The lab includes tools, measuring instruments, numerous UAS, RC models, structural components, and accessories for UAS.

Equipment:

- DJI INSPIRE drone with a camera and accessories



- DJI Mavic 2 PRO drone with accessories
- DJI Mavic Pro drone with accessories
- DJI Mavic Mini drone with accessories
- DJI AIR drone with accessories
- 2x Zero Tech HighOne drones with accessories
- 3x 3DRobotics IRIS drones with accessories
- PC with software for UAS setup and programming: Mission Planner and DJI Assistant
- SkyDemon Plan 3.15.4.0
- Functional ICON 5 aircraft model with passive autopilot
- 2x EASYSTAR 2 aircraft models with FPV technology
- 3x functional RC models for piloting training
- DJI Flight Simulator
- PHOENIX UAS simulator
- Speaker system
- Projection display equipment
- Toolset for UAS repairs
- 3x radios for flight coordination
- Specialized electrical tools for UAS construction
- 2x Hyperion EOS 0730i V2 Net3 (550W) chargers
- DJI Goggles Racing Edition FPV glasses
- DJI Goggles FPV (DJIG0250) glasses
- Ground control and tracking station for UAS
- Structural and functional components for UAS construction
- Sensor equipment for UAS integration
- Universal UAS flight control microcomputers
- Experimental fixed-wing UAS for long-range flight testing
- Experimental multirotor UAS for experimental activities and flight testing
- Tools and equipment for experimental work

Courses Taught:

- Operation of Unmanned Aerial Systems
- UAS Flight Training
- Aircraft 1

Laboratory LC033

- Specialized laboratory for teaching professional subjects.

Equipped with educational aids and workshop tools.

Laboratory Description:

A spacious specialized lab for hands-on skill development with a capacity of 8 students. The lab includes numerous structural models of aircraft systems and their technical sections for educational purposes.

Equipment:

- Functional airframe model of the Zlín Z-142 training aircraft (1:1 scale)
- Functional movable wing model (1:1 scale)
- Functional movable model of the M337 aircraft propulsion unit (1:1 scale)
- Functional models of hydraulic and fuel systems (1:1 scale)
- Functional models of electrical and pneumatic systems (1:1 scale)
- Two complete sets of specialized aviation workshop tools
- Handheld electrical workshop tools
- Workshop furniture (workbenches, chairs, cabinets, shelves)
- Prototyping equipment for machining
- Consumables and fasteners
- Cleaning supplies

Courses Taught:

- Aircraft Propulsion Systems 1
- Aircraft Propulsion Systems 2
- Aircraft 1
- Aircraft 2

Laboratory LC034

Specialized classroom (laboratory) for teaching professional subjects.



	<p>Equipped with aids, a wind tunnel, 3D printing center, and functional propulsion system models.</p> <p>Classroom Description: This laboratory has a seating capacity of 4 students and two workbenches for manual tasks. It is equipped with a wind tunnel for simulating and demonstrating aerodynamic processes, and two 3D printers for creating 3D models. The lab also features functional models of pulse, piston, and turbine engines, along with the necessary equipment and accessories for their operation.</p> <p>Equipment:</p> <ul style="list-style-type: none">• Demonstration wind tunnel• JetCat P-200 turbine engine model on a test stand• Lockwood-Hiller pulse engine model on a test stand• DLA-60 piston engine model with propeller on a test stand• V1-type pulse engine model with valve head on a test stand• Prusa MK3s 3D printer• Creality CR-10s 3D printer• Soldering workstation with a hot air gun• Experimental model for simulating mechanical vibrations and testing radial bearings• Experimental fixed-wing UAS with infrared camera created using 3D printing• Sensor equipment for vibration measurement• Tools and equipment for experimental activities• Speaker system <p>Courses Taught:</p> <ul style="list-style-type: none">• Aeromechanics 1• Aeromechanics 2• Computer Simulations in Aviation• Aircraft Propeller• Turbine Engine 1• Turbine Engine 2• Maintenance Procedures
B	<p>Characteristics of the study programme information management (access to study literature according to Course information sheets, access to information databases and other information sources, information technologies, etc.)</p> <p>Students of the Air Transport study program have access to study materials, information databases, and other resources as follows:</p> <ul style="list-style-type: none">• Access to Study Materials: The University Library of the University of Žilina (UK UNIZA, https://ukzu.uniza.sk/en/elementor-171/) serves as the central facility providing comprehensive library and information services tailored to UNIZA's profile, its study fields, and courses. The library offers access to professional monographs, textbooks, scripts, standards, bulletins, legislative documents, periodicals, statistical reviews, yearbooks, language and specialized dictionaries, encyclopedias, electronic media, e-resources, and e-books. The total holdings of UK UNIZA, including branch libraries, comprise 215,398 items, with subscriptions to 241 periodicals, 118 of which are international. Annual acquisitions amount to 3,408 items, and foreign-language titles make up approximately 60% of the collection. The library holds 3,032 audiovisual and electronic items, including 154 digital books and electronic study materials. <p>For users, UK UNIZA offers three reading rooms with a total of 216 study spaces. Recently, three quiet study boxes have been introduced for individuals or groups of up to 10, equipped with internet access, projectors, printing options, flipcharts, and whiteboards. The library also features a workstation for readers with disabilities, offering adjustable desks and a specialized computer with voice input, adaptive keyboard, and learning software. All facilities are wheelchair accessible. Outside the library, a smart bench provides Wi-Fi, phone charging, and mobile device connectivity.</p> <p>In the reading rooms, 21,172 items are available for on-site study, including essential literature, electronic and audiovisual documents, theses, standards, and periodicals. Users can access 14 subject-specific electronic databases, most offering full-text resources. Additionally, there is a multi-user standards database for different</p>



faculties. The library recorded 163,195 database searches and 96,047 downloads or views of electronic documents. It also maintains a website, Facebook, and Instagram presence.

Beyond the central library, there are 109 departmental libraries where students can borrow materials. FPEDAS teachers strive to make study materials accessible by publishing a portion in electronic form. They upload lecture chapters, presentations, graphs, and methods necessary for exercises to the university's e-learning system.

Teachers at FPEDAS publish academic works—monographs, textbooks, and scripts—through the university publisher EDIS, based on the needs of specific courses. The university also publishes its own journals, accessible at: <https://www.uniza.sk/index.php/vedci-a-partneri/vyskumne-zazemie/vedecke-casopisy>.

- **Access to Information Databases:**

Students can utilize databases subscribed to by the university, including WOS, SCOPUS, Springer Online, Oxford Publishing, ScienceDirect, and Wiley, among others.

- **Access to Additional Information Resources:**

Academic Information and Education System (AIVS):

AIVS is the core information system for education and teaching processes at UNIZA, accessible from the university domain and the internet, covering all university campuses. The university Wi-Fi supports EDUROAM. AIVS manages the full student lifecycle, from application submission to final exams and graduation-related activities. It supports academic administration at all study levels and forms, helps track academic results, manages the credit system, and aids in course scheduling, teaching load documentation, and student benefits such as scholarships and housing. It also facilitates generating ECTS information packages, issuing diplomas, certificates, and diploma supplements as per applicable laws.

AIVS consists of the following subsystems:

1. Admission Process Subsystem – processing applications (electronic/classical), results and evaluations, communication with applicants (invitations, notices, and statements), preparation of statistics for the Ministry of Education.
2. Education Subsystem – which includes the following modules:
 - Student register
 - Administration of studies (study programs, study plans, course syllabi)
 - Enrollment in studies
 - Course schedule management and resource allocation (classrooms, technical equipment)
 - Examination administration (exam dates, registration for exams)
 - Study progress, recording of study results, ongoing evaluation of study performance (Internal Directive No. 113 on the Internal Quality Assurance System at the University of Žilina)
 - Study exchanges (mobility), data are part of the student register and exported to the central student register.
3. Study Completion Subsystem includes the modules "final theses" and "state exams":
 - The "final theses" module supports activities such as:
 - Assignment of thesis topics by departments or lecturers
 - Selection of a thesis topic by the student
 - Approval and confirmation of the thesis topic and student by the department
 - Export of basic data from AIVS to the local Final Thesis Repository (EZP) system (Internal Directive No. 103/2018 on Final Theses at UNIZA)
 - Submission of the completed thesis to EZP at UNIZA; import of thesis status and originality report from EZP.
 - The "state exams" module allows:
 - Formation of state exam committees by departments
 - Definition of state exam subjects
 - Enrollment in state exam subjects for graduating students
 - Assignment of students to exam days and committees



- Recording exam results for individual state exam subjects, final thesis evaluation, online printing of the State Exam Report (signed by the state exam committee)
- Diploma printing is handled by the student services office.

For preparing the thesis, submitting it to EZP, and subsequent steps, Internal Directive No. 103 applies.

AIVS is integrated with other information systems within the university intranet, such as the university library (for final thesis registration and plagiarism checking), accommodation (waiting lists, housing, payment records), student ID card issuance and management, access control systems, user management (identity management), attendance systems (for doctoral students). AIVS is also connected to the university email system and applications for digital certificates and electronic signatures used in specific AIVS services, such as system login and signing documents (e.g., exam reports, final theses).

The UniApps application allows access to AIVS data and services from mobile devices with Android OS, in line with the university's mobile technology strategy. The university supports students in using their personal mobile devices. UniApps enables access to information anytime and anywhere, specifically for full-time students in both Bachelor's and Master's programs. Currently, the following functionalities are available: schedule, user profile, exam dates, exam registration, exam results.

Subprocesses for Bachelor's and Master's Programs supported by AIVS:

- Setting admission criteria
- Processing applications
- Admission and appeal procedures
- Study statuses (enrollment, interruptions, transfer from other universities, graduation)
- Selection of elective subjects
- Study monitoring and enrollment in higher years
- Motivational scholarships
- Publication of final thesis topics and selection of topics
- Official assignment of thesis topics
- Preparation for state exams
- Final thesis submission (EZP)
- State exams
- Document archiving
- Export to Central Register of Students (CRŠ)

4. E-Learning

At UNIZA, e-learning is based on the Moodle LMS. Course organization is based on guided learning, supported by information and communication technologies, closely integrated with the Academic Information and Education System. E-learning has been used at the university since the 2004/2005 academic year. (<https://uniza.sk/index.php/studenti/prakticke-informacie/e-vzdelavanie>)

Internet Access:

All classrooms and laboratories used for teaching the air program have unlimited internet access through the university's network. UNIZA operates its own Wi-Fi network. By connecting to the university's Wi-Fi network, which is available in all UNIZA buildings, students gain unrestricted access to the UNIZA and FPEDAS websites, as well as to the internet and the faculty's Facebook page. The university's Wi-Fi network supports EDUROAM. UNIZA students also have access to the Microsoft Office 365 software suite. The student license allows them to use both web and desktop applications of Office 365 throughout their studies. Furthermore, Žilinská univerzita owns the Total Academic Headcount (TAH) license for MATLAB & Simulink (<https://ikt.uniza.sk/uniza-wiki/category/software/matlab/>).

The university also holds a license for engineering and simulation software from Ansys.

At the University Level:

It defines structures and processes for information security in the study program as per Directive No. 218 regarding the collection, processing, analysis, and evaluation of information to support the management of study programs: *smernica-UNIZA-c-218.pdf*

At the Program Level:



	<p>The library of the Air Transport Department is located in the Žilinská University building at the airport in Dolný Hričov, in room LA105, and houses over 1,100 specialized books. The department regularly subscribes to four professional journals.</p>
C	<p>Characteristics and extent of distance education applied in the study programme with the assignment to courses. Access, manuals of e-learning portals. Procedures for the transition from contact teaching to distance learning.</p> <p>The Air Transport study program is delivered in person. However, due to the exceptional situation caused by the COVID-19 pandemic, it has been conducted remotely since March 2020 through the MS Teams application. Students were informed well in advance through rector and dean orders and via email communications with instructors.</p> <p>Each course has a separate team on MS Teams, where students and lecturers are assigned via their provided addresses. To ensure quality control, senior staff members—such as the program guarantor, department head, vice-dean for education, and dean—are also assigned to the teams. Within each course, separate channels are created for lectures and exercises for individual study groups.</p> <p>Lecturers provide students with study materials in electronic form, primarily through email and the MS Teams and Moodle platforms.</p>
D	<p>Institution partners in providing educational activities for the study programme and the characteristics of their participation.</p> <p>Collaboration with external partners from practice is regulated at the University of Žilina (hereinafter referred to as "UNIZA") within the Internal Quality Assurance System of UNIZA (hereinafter referred to as "VSK UNIZA") in accordance with Act No. 269/2018 Coll. on the assurance of quality in higher education and the amendment of Act No. 343/2015 Coll. on public procurement and the amendment of certain laws, as amended (hereinafter referred to as the "Higher Education Quality Assurance Act"), as well as in line with the standards of the Slovak Accreditation Agency for Higher Education (hereinafter referred to as "SAAVŠ") under Directive No. 221 "Collaboration of the University of Žilina with external partners from practice" and defines the powers, responsibilities, and rules for involving external partners from practice in activities related to VSK UNIZA as well as the overall approach and rules for cooperation with external partners. External partners from practice include international organizations or their representatives, national organizations and institutions, state bodies or local government bodies, interest associations, unions, chambers, federations, as well as representatives of employer associations, employers, or other experts from practice in the field of UNIZA's activities. They can also include external stakeholders (hereinafter referred to as "partners"), including the authority from practice as defined in Article 23 of Directive No. 214 of the Internal Quality Assurance System for the creation, modification, approval, and cancellation of study programs at the University of Žilina, who participate in the assurance of quality in higher education and related activities in the manner prescribed by this directive and associated internal regulations of UNIZA. The authority from practice, as an external stakeholder, has an independent position, where based on its main activity or professional focus, it is an independent organization, and its main task is to objectively and independently express its opinion on the creation, modification, cancellation, and alignment of study programs with the standards of SAAVŠ based on a request from UNIZA or its component in the form of an opinion (position):</p> <ul style="list-style-type: none">a) on proposals for the alignment of existing accredited study programs with the standards of SAAVŠ for the internal quality assurance system for higher education and SAAVŠ standards for the study program,b) on the need to create a new study program (in response to a proposal),c) on the intention to create a new study program,d) on the proposal to create a new study program,e) on the proposal to modify a study program,f) on the proposal to cancel a study program,g) on other matters related to quality assurance in education at UNIZA based on the requests of UNIZA or its components, as well as the overall conceptual direction of individual study programs.



	<p>The Department of Air Transport, in accordance with UNIZA's rules and Directive No. 221, has signed Framework Agreements for collaboration with authorities from practice. For the study program of air transport, the authorities from practice have been defined as the Ministry of Transport and Construction of the Slovak Republic, the Transport Office, the Union of Transport, Postal and Telecommunications Services of the Slovak Republic, the Air Traffic Services of the Slovak Republic, state enterprise, and AirExplore, s.r.o. The Department of Air Transport has also signed Cooperation Agreements with partners on the basis of common interests in cooperation at all levels, both from the perspective of education and research. These agreements are signed with:</p> <ul style="list-style-type: none">• Austrian Airlines Technik - Bratislava, s.r.o.• AVION ALLIANCE, s.r.o.• Go2Sky, s.r.o.• Air Navigation Services of the Czech Republic• Slovak Hydrometeorological Institute (SHMÚ)• Czech Aviation Training Centre, s.r.o.• Mám Dron Civil Association• Žilina Airport, a.s.• INCOFF AEROSPACE s.r.o.• Žilina Self-Governing Region + City of Žilina• MSM Martin, s.r.o.• Institute for Expert Investigation of Aircraft Accidents• M. R. Štefánik Airport - Airport Bratislava, a.s. (BTS)• Aero Aviation Academy <p>The selection lectures for the study program are provided by available employees from the following companies or organizations:</p> <ul style="list-style-type: none">• Austrian Airlines Technik - Bratislava, s.r.o.• AVION ALLIANCE, s.r.o.• Slovak Hydrometeorological Institute (SHMÚ)• Czech Aviation Training Centre, s.r.o.• Žilina Airport, a.s.• Prague Airport• Smartwings• Honeywell• Institute for Expert Investigation of Aircraft Accidents• M. R. Štefánik Airport - Airport Bratislava, a.s. (BTS)• EASA• EUROCONTROL• Aviation Unit of the Ministry of the Interior of the Slovak Republic• Air Traffic Services of the Slovak Republic, state enterprise• AirExplore, s.r.o.• Go2Sky, s.r.o.• VAN AIR Europe, a.s.• ABS Jets, a.s.• AELIS Group, a.s.• Norwegian Air Shuttle• Virgin Atlantic Airways, Ltd.
E	Characteristics of the possibilities for social, sports, cultural, spiritual and social activities The possibilities for social, sports, cultural, spiritual, and social activities are described in Directive No. 217 – particularly Articles 17, 18, and 19: <i>smernica-UNIZA-c-217.pdf</i>
F	Possibilities and conditions for participation of the study programme students in mobilities and internships, application instructions, rules for recognition of this education All students of the Air Transport study program are provided with equal and transparent access, upon meeting the conditions and criteria of the respective mobility form, in accordance with Directive No. 219, Article 3, paragraph 1.



The specified conditions are:

- a) Application for exchange study and confirmation of acceptance by the partner institution (foreign mobility or internship),
- b) Agreement between the partner institutions regarding the study (in the case of collaboration between UNIZA and FPEDAS with another partner institution that offers an accredited study program in the respective field of study at the partner institution or a similar field at a foreign partner institution, and has a certified/accredited internal quality assurance system for higher education or ESG 2015),
- c) Agreement between the partner institutions regarding a joint study program that is jointly accredited as a joint program in accordance with the internal quality assurance system for higher education at UNIZA (Directive No. 219, Article 2, paragraph 3).

Each student who has been approved by the selection committee and submits proof of approval for a foreign study stay may complete part of their studies at a foreign university (host institution) within programs such as the European Union, Erasmus+, National Scholarship Program, SAIA, Fulbright Commission, cross-border cooperation, bilateral programs, and others.

Courses completed at the host university are recognized for the student by the program guarantor in cooperation with the vice-dean for education, based on their request, which includes a transcript of records issued by the host university at the end of their studies, as well as information sheets or syllabi of the completed courses (Directive No. 219, Article 8).

Responsible persons:

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Each year, on average, more than 50 faculty students travel abroad for study in a standard situation (Annual Reports on Faculty Activities, Table 28): <https://fpedas.uniza.sk/sk/fakulta/vseobecne-informacie/organy-fakulty/vedecka-rada>.

At the university level, these processes are defined in the following directives:

Directive No. 209 – Study Regulations for the 1st and 2nd levels of higher education at the University of Žilina in Žilina, Article 7, paragraphs 7-12:

02092021_S-209-2021-Studijny-poriadok-pre-1-a-2-stupen-VS.pdf (uniza.sk)

and Directive No. 219 – Mobility of students and employees of the University of Žilina in foreign countries:

smernica-UNIZA-c-219.pdf

9.	Required abilities and admission requirements for the study programme applicants
A	Required abilities and necessary admission requirements



The required skills and prerequisites for admission to study are formalized as follows:

- By directives for the admission process – Directive No. 209, Article 5, and Directive No. 218, Articles 8 and 9: *02092021_S-209-2021-Studijny-poriadok-pre-1-a-2-stupen-VS.pdf (uniza.sk)*,
- By the document approved by the Academic Senate of FPEDAS: "Principles and Rules of the Admission Process to Study at the Faculty of Transport and Communications for the 2nd level of study": <https://fpedas.uniza.sk/sk/uchadzaci/vseobecne-informacie/prijimacie-konania>,
- By orders and methodological guidelines of the faculty dean on the faculty website.

Basic condition for admission to a second-cycle study programme

1. The basic condition for admission to a second-cycle study programme is obtaining a first-cycle university degree (Act No. 131/2002 Coll. on Universities as amended, hereinafter referred to as the "Act on Universities").
2. In the case of a foreign applicant or a student who completed their studies abroad, the student must submit, together with their application for university studies, at the latest by the date of enrolment, a decision on the recognition of the document on completion of first-cycle university studies issued by the relevant institution in the Slovak Republic, or request UNIZA to recognise the education document.
3. For studies at the faculty, written and oral proficiency in Slovak or Czech or English is required for study programmes that are accredited in English.

Other conditions for admission to studies

1. Admission to studies without an entrance examination

- Applicants are admitted without an entrance examination on the basis of a weighted grade point average achieved in the first-cycle university study programme in Air Transport (specialisation Air Transport, Professional Pilot).
- Other applicants must sit an entrance examination.

2. Admission to studies with an entrance examination

- The entrance examination is conducted in the form of a knowledge test from the first cycle of the study programme.
- Individual test questions are from the following areas:
 - Economics
 - Mathematics
 - A selected foreign language (English, Spanish, German, French, and Russian).
- Applicants answer the questions by marking the answers on the test sheets for each area.
- An applicant can score from 0 to 100 points for correct answers.
- For an applicant with specific needs, at their request and on the basis of an assessment of their specific needs in accordance with Section 100(9)(b) of the Act on Universities, the dean shall determine the form of the entrance examination and the manner of its conduct, taking into account their specific needs and in accordance with Directive No. 198 on the Support of Applicants and Students with Specific Needs at the University of Zilina.
- The applicant is obliged to present an identity card, a university diploma, and a diploma supplement for bachelor's studies at the entrance examination. If the applicant does not have a university diploma and a diploma supplement, they must submit these at the latest by the date of enrolment in the master's programme.

B	Admission procedures
	Admission Procedures for Study Programs The admission procedures are formalized through: Directives: <ul style="list-style-type: none">• Admission Process: Directive No. 209, Article 5: Study Regulations for 1st and 2nd Degree University Studies• Directive No. 218, Articles 8 and 9: Directive UNIZA No. 218



- Document Approved by the Academic Senate of FPEDAS: "Principles and Rules of the Admission Process for the Faculty of Operation and Economics of Transport and Communications for the 1st Level of Study" – FPEDAS Admission Information
- Dean's Orders and Methodological Guidelines published on the faculty's website.

Admission Process Rules

- Applicants must submit an application for a specific study program. If an applicant wishes to apply for multiple programs at FPEDAS, they must submit a separate application for each program and pay the fee for each one.
- If applying to multiple faculties at UNIZA, a separate application must be submitted for each faculty, with the corresponding fee determined by the faculty.
- Applications can be submitted electronically or using the printed form "Application for University Studies – 1st Level". The electronic application can be filled out via: UNIZA Admission Portal, National University Admission Portal
- Incomplete applications will require completion before further processing.
- The admission fee is non-refundable in case of non-participation or failure in the admission process.
- Required Documents for an Engineering Degree Application
 - Curriculum vitae (CV)
 - Proof of payment of the admission fee
 - Final report card from the second-to-last year of secondary school
- All required documents must be submitted electronically along with the online application.
- Admission Fee
- The admission fee per application is:
 - €20 – for EU citizens
 - €50 – for non-EU citizens
- Payment Details
 - Recipient: University of Žilina, Univerzitná 1, 010 26 Žilina
 - Bank: State Treasury
 - IBAN: SK81 8180 0000 0070 0026 9888
 - Constant Symbol: 0308
 - Variable Symbol: 10132 – Engineering Study
- Payment Methods:
 - Bank transfer or postal money order to the above account
 - For payments from EU member states, EEA countries, and SEPA-compliant territories, use:
BIC: SPSRSKBAXXX
IBAN: SK81 8180 0000 0070 0026 9888
- Tuition fees are determined by the Higher Education Act.
- The University of Žilina publishes the tuition fee amounts for each academic year on its official website.
- Applicants from the Czech Republic can use the standard Czech application form.

Submitting a properly completed application by the deadline and paying the admission fee on time are mandatory conditions for participation in the admission process.

C

Results of the admission process over the last period

The results of the admission process are regularly published in the Annual Report on the Faculty's Activities in the section Educational Activities: Official Notice Board.

The evaluation process for the Air Transport study program is as follows:

1. On the basis of the admission procedure, the following students are admitted to study:
2. Applicants who meet the admission requirements without an entrance exam.
3. Applicants who passed the entrance exam and were included in the list of admitted applicants.
4. The list of admitted applicants who passed the entrance exam is determined by the number of points obtained in the knowledge test for the first level of the study program and the decision of the Dean regarding the final number of admitted applicants. The Dean determines the final number of admitted applicants based on the capacity of the study program.
5. The results of the admission procedure are communicated to:
6. Applicants who meet the admission requirements without an entrance exam are informed via the UNIZA website <https://vzdelavanie.uniza.sk/prijimacky/index.php>, where information about their admission is provided.



7. Applicants who passed the entrance exam are informed via the UNIZA website <https://vzdelavanie.uniza.sk/prijimacky/index.php>, where information about their admission/non-admission and the number of points obtained in the entrance exam is provided.
8. All admitted applicants will receive a Decision of Admission signed by the Dean and Vice-Dean for Education by post within 30 days.
9. All unsuccessful applicants will receive a Decision of Non-Admission signed by the Dean or Vice-Dean for Education by post within 30 days.
10. The Decision of Admission will also include instructions for the enrolment procedure.
11. Applicants have the right to inspect the documentation of their admission procedure upon request.
12. The Dean may grant conditional admission (under § 58 paragraph 1 of the Higher Education Act) if the student has objective reasons for not meeting the basic admission requirements, which are assessed on an individual basis.
13. Foreign applicants are subject to the same admission conditions as Slovak applicants. Foreign students studying in a language other than the state language pay tuition fees according to the conditions specified in § 92 paragraph 8 of the Higher Education Act. Tuition fees are set by a UNIZA directive and published for the relevant academic year on the university's website.
14. Foreign students studying in Slovak language do not pay tuition fees. Applicants who do not actively speak Slovak or Czech are required to successfully complete language² preparation (which can be completed at UNIZA). For foreign applicants admitted on the basis of interstate agreements, bilateral agreements, or government scholarships, the conditions specified in the relevant documents apply.

The above process is part of the document Principles and rules of the admission procedure for studies at the Faculty of Operation and Economics of Transport and Communications for the 1st cycle of studies (for the academic year 2022/2023):

https://www.fpedas.uniza.sk/images/prijimacie_konanie/zasady_a_pravidla_prijatia_2022-2023_ing.pdf, approved by the Academic Senate of FPEDAS.

10. Feedback on the quality of provided education	
	Procedures for monitoring and evaluating students' opinions on the study programme quality
	Monitoring Procedures and Student Opinion Evaluation on Study Program Quality The procedures for monitoring and evaluating students' opinions on the quality of the study program are regulated by Directive No. 223 - Monitoring and Periodic Evaluation of Study Programs: https://www.uniza.sk/index.php/univerzita/vseobecne-informacie/vnutorny-system-zabezpecovania-kvality-uniza The faculty collects, analyzes, and utilizes all relevant information obtained from students. These data are evaluated in the Annual Activity Report of FPEDAS: https://fpedas.uniza.sk/sk/fakulta/vseobecne-informacie/uradna-tabula Additionally, reports from various surveys are used as a basis for implementing necessary study program management measures.
A	The faculty monitors student satisfaction with education quality and teachers' approach at the study program level, including the Air Transport program. Reports are published every semester on: https://fpedas.uniza.sk/sk/fakulta/vseobecne-informacie/kvalita-vzdelavania Reports from Monitoring and Evaluations at FPEDAS Academic Year 2010/2011 – - https://www.fpedas.uniza.sk/images/kvalita_vzdelavania/sprava_2010-2011.pdf Academic Year 2011/2012 – https://www.fpedas.uniza.sk/images/kvalita_vzdelavania/sprava_2011-2012.pdf Academic Year 2012/2013 – - https://www.fpedas.uniza.sk/images/kvalita_vzdelavania/sprava_2012-2013.pdf Academic Year 2013/2014 – https://www.fpedas.uniza.sk/images/kvalita_vzdelavania/sprava_2013-2014.pdf



	<p>Academic Year 2016/2017 – https://www.fpedas.uniza.sk/images/kvalita_vzdelavania/sprava_2016-2017_zs.pdf https://www.fpedas.uniza.sk/images/kvalita_vzdelavania/sprava_2016-2017_ls.pdf</p> <p>Academic Year 2017/2018 – https://www.fpedas.uniza.sk/images/kvalita_vzdelavania/sprava_2017-2018_zs.pdf</p> <p>Academic Year 2018/2019 – https://www.fpedas.uniza.sk/images/kvalita_vzdelavania/sprava_2018-2019_zs.pdf https://www.fpedas.uniza.sk/images/kvalita_vzdelavania/sprava_2018-2019_ls.pdf</p> <p>Academic Year 2019/2020 – https://www.fpedas.uniza.sk/images/kvalita_vzdelavania/sprava_2019-2020_zs.pdf https://www.fpedas.uniza.sk/images/kvalita_vzdelavania/sprava_2019-2020_ls.pdf</p> <p>Academic Year 2020/2021 – https://www.fpedas.uniza.sk/images/kvalita_vzdelavania/sprava_2020-2021_zs.pdf</p> <p>Academic Year 2022/2023 – https://www.uniza.sk/images/pdf/vnutorny-system-kvality/hodnotiace-spravy/FPEDAS/sprava-o-hodnoteni-kvality-vzdelavania-na-urovni-fakulty/Sprava-o-hodnoteni-kvality-vzdelavania-na-FPEDAS-UNIZA-2022-2023.pdf</p>
B	<p>Results of student feedback and related measures to improve the study programme quality</p> <p>The faculty monitors student satisfaction with education quality and teachers' approach at the study program level, including the Air Transport program. Reports are published each semester at: https://fpedas.uniza.sk/sk/fakulta/vseobecne-informacie/kvalita-vzdelavania</p> <p>The results of education quality evaluation and individual teachers' approach are regularly discussed during meetings of the Dean's College. Subsequently, department heads review these results as part of the annual staff evaluation based on data from the e-evaluation system: https://hodnotenie.uniza.sk/hbody.php</p> <p>These results are also discussed with faculty members, including those from the Department of Air Transport, which is responsible for the Air Transport study program.</p> <p>Reports on staff evaluations are available for physical review on-site.</p>
C	<p>Results of graduate feedback and related measures to improve the study programme quality.</p> <p>The faculty monitors graduates' opinions at the study program level, including the Air Transport program, through the portal: https://fpedas.uniza.sk/~dotaznik/</p> <p>Results are electronically processed and subsequently published in the Annual Report on FPEDAS Activities under section 2.7 Graduates and Their Employment:</p> <p>2022/2023 https://www.uniza.sk/images/pdf/vnutorny-system-kvality/hodnotiace-spravy/FPEDAS/sprava-o-hodnoteni-kvality-vzdelavania-na-urovni-fakulty/Sprava-o-hodnoteni-kvality-vzdelavania-na-FPEDAS-UNIZA-2022-2023.pdf</p> <p>2022 (p. 29) – Report https://fpedas.uniza.sk/images/uradna_tabula/vyrocnna_sprava_fpedas_2022.pdf</p> <p>2021 (p. 27) – Report https://fpedas.uniza.sk/images/uradna_tabula/vyrocnna_sprava_fpedas_2021.pdf</p> <p>2020 (p. 30) – Report https://www.fpedas.uniza.sk/images/uradna_tabula/vyrocnna_sprava_fpedas_2020.pdf</p> <p>2019 – Sample size too small, results not published</p> <p>2018 (p. 29) – Report https://www.fpedas.uniza.sk/images/uradna_tabula/vyrocnna_sprava_fpedas_2018.pdf</p> <p>2017 (p. 20) – Report https://www.fpedas.uniza.sk/images/uradna_tabula/vyrocnna_sprava_fpedas_2017.pdf</p> <p>2016 (p. 20) – Report</p>



<p>https://www.fpedas.uniza.sk/images/uradna_tabula/vyrocna_sprava_fpedas_2016.pdf 2015 (p. 19) – Report https://www.fpedas.uniza.sk/images/uradna_tabula/vyrocna_sprava_fpedas_2015.pdf 2014 (p. 22) – Report https://www.fpedas.uniza.sk/images/uradna_tabula/vyrocna_sprava_fpedas_2014.pdf Graduate feedback results are reviewed during Department of Air Transport staff meetings and Dean’s College sessions, where measures are taken based on the information obtained from graduates.</p>

11. References to other relevant internal regulations and information concerning the study or the study programme student (e.g study guide, accommodation regulations, fee directive, guidelines for student loans, etc.).	
Internal regulations and information	Link
S 106_2012 Statute of UNIZA, as amended by Supplements 1 to 5	https://www.uniza.sk/images/pdf/uradna-tabula/17012019_S-106-2012-Statut-UNIZA-v-zneni-Dodatkov1-az-5.pdf
S 110_2013 Study Regulations for the 3rd Level of Higher Education at UNIZA, as amended by Supplements 1 to 3	https://www.uniza.sk/images/pdf/uradna-tabula/smernice-predpisy/10122020_S-110-2013-Studijny-poriadok-PhD-v-zneni-D1-a-D3.pdf
S 132_2015 On Free Access to Information	http://uniza.sk/document/Zasady_SI_ZU_VI-2015.pdf
S 149_2016 Organizational Regulations, as amended by Supplements No. 1 to 17	https://www.uniza.sk/images/pdf/uradna-tabula/smernice-predpisy/2021/02092021_S-149-2016-Organizacny-poriadok-UNIZA-D1-az-D16-07062021.pdf
S 152_2017 Principles of Publishing Activities at UNIZA, as amended by Supplement No. 1	SM152-zasady-edicnej-cinnosti-31032020.pdf (uniza.sk)
S 159_2017 Work Regulations	https://www.uniza.sk/images/pdf/uradna-tabula/smernice-predpisy/S-159_2017-Pracovn-poriadok_03112017.pdf
S 163_2018 Accommodation Regulations for UNIZA’s Accommodation Facilities	https://www.uniza.sk/images/pdf/ubytovanie/27082018_Ubytovaci-poriadok-od-01092018.pdf
S 167_2018 Rules of Procedure for Disciplinary Committees of UNIZA, as amended by Supplement No. 1	https://www.uniza.sk/images/pdf/uradna-tabula/smernice-predpisy/2021/09072021_S-167-2018-Rokovaci-poriadok-disciplinarnych-komisii-UNIZA.pdf
S 180_2019 Grant System of the University of Žilina, as amended by Supplements D1 to D2	04082021_S-180-2021-Grantovy-system-Zilinskej-univerzity-v-Ziline-v-zneni-Dodatku-c-2-26072021.pdf (uniza.sk)
S 200_2021 Principles for Selection Procedures	https://www.uniza.sk/images/pdf/uradna-tabula/smernice-predpisy/2021/02092021_S-200-2021-Zasady-vyberoveho-konania.pdf
S 202_2021 Criteria for the Appointment of Professors and Associate Professors and Principles for Appointing Visiting Professors	https://www.uniza.sk/images/pdf/kvalita/2021/smernica-UNIZA-c-202.pdf
S 207_2021 Ethical Code of UNIZA	https://www.uniza.sk/images/pdf/uradna-tabula/smernice-predpisy/2021/12072021_S-207-2021-Etický-kodex-UNIZA.pdf



S 208_2021 Rules for Acquiring and Harmonizing the Rights for Habilitation and Inaugural Procedures	https://www.uniza.sk/images/pdf/kvalita/2021/smernica-UNIZA-c-208.pdf
S 210_2021 Statute of the Accreditation Council of UNIZA	https://www.uniza.sk/images/pdf/kvalita/2021/smernica-UNIZA-c-210.pdf
S 211_2021 Procedure for Acquiring Scientific and Pedagogical Titles and Artistic and Pedagogical Titles	https://www.uniza.sk/images/pdf/kvalita/2021/smernica-UNIZA-c-211.pdf
S 213_2021 Policies for Ensuring Quality at UNIZA	https://www.uniza.sk/images/pdf/kvalita/2021/smernica-UNIZA-c-213.pdf
S 214_2021 Structures of the Internal Quality Assurance System	https://www.uniza.sk/images/pdf/kvalita/2021/smernica-UNIZA-c-214.pdf
S 216_2021 Assurance of Quality in Doctoral Studies at UNIZA	https://www.uniza.sk/images/pdf/kvalita/2021/smernica-UNIZA-c-216.pdf
S 220_2021 Evaluation of Creative Activities of Employees in Relation to Ensuring the Quality of Education at UNIZA	https://www.uniza.sk/images/pdf/kvalita/2021/smernica-UNIZA-c-220.pdf
S 221_2021 Cooperation of UNIZA with External Partners from Practice	https://www.uniza.sk/images/pdf/kvalita/2021/smernica-UNIZA-c-221.pdf
S 222_2021 Internal Quality Assurance System at UNIZA	https://www.uniza.sk/images/pdf/kvalita/2021/smernica-UNIZA-c-222.pdf
UNIZA Websites	www.uniza.sk
Internal Quality Management System at UNIZA	https://www.uniza.sk/index.php/univerzita/vseobecne-informacie/vnutorny-system-zabezpecovania-kvality-uniza