



UNIVERSITY OF ŽILINA
Faculty of Operation and Economics
of Transport and Communications




ECTS INFORMATION PACKAGE *ACADEMIC YEAR 2023/2024*

GUIDE FOR FOREIGN STUDENTS

version: December 2022

Field of Study	STUDY PROGRAMME		
	<i>1. degree – BSc. Study</i>	<i>2. degree – MSc. Study</i>	<i>3. degree – PhD. Study</i>
Transport	Railway Transport	Railway Transport	Transport
	Road Transport	Road Transport	
	Air Transport	Air Transport	
	Water Transport	x	
	Distribution Technologies and Services	Postal Engineering	
	Forwarding and Logistics	Forwarding and Logistics	Transport Services and Logistics
	Transport Services in Personal Transport		
Economics and Management	Economics and Management of Enterprise	Economics and Management of Enterprise	Economics and Management of Enterprise
	Financial Management	Financial Management	
	E-Business and Management	E-Business and Management	Economics of Transport, Communications and Services

STUDY PROGRAMMES
Academic year 2023/2024
Full-time Bachelor Study

	University of Žilina Faculty of Operation and Economics of Transport and Communications	Academic year 2023/2024
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Type of study: full-time, BSc.
 Field of study: transport
 Study programme: railway transport

Winter semester (Autumn)					
Code	Subject title	Providing department	Le-Tu-Lab	Assessment	ECTS credits
Compulsory subjects					
1B0Z201	Environmental and Safety Management	RT	2 – 1 – 0	E	4
1B0Z203	Goods Expertise and Material Handling	RT	2 – 2 – 0	E	5
1B0Z303	Intermodal Transportation	RT	2 – 2 – 0	E	6
1B0Z304	Management in Railway Transport	RT	2 – 1 – 0	E	3
1B0M109	Informatics 1	QMEI	0 – 0 – 3	V	3
1B0M101	Mathematics 1	QMEI	2 – 3 – 1	E	7

Notes: Le...lectures; Tu...tutorials; Lab...laboratory works
 V...valuation; E...examination

Summer semester (Spring)					
Code	Subject title	Providing department	Le-Tu-Lab	Assessment	ECTS credits
Compulsory subjects					
1B0Z151	Basics of Railway Transport	RT	2 – 1 – 1	E	6
1B0Z351	Economics of Railway Transport	RT	4 – 0 – 4	E	7
1B0M151	Mathematics 2	QMEI	2 – 3 – 1	E	7
1B0M154	Informatics 2	QMEI	0 – 0 – 3	V	3

Provider:
 RT – Department of Railway Transport
 QMEI – Department of Quantitative Methods and Economic Informatics

	University of Žilina Faculty of Operation and Economics of Transport and Communications	Academic year 2023/2024
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Type of study: full-time, BSc.
Field of study: transport
Study programme: road transport

Winter semester (Autumn)					
Code	Subject title	Providing department	Le-Tu-Lab	Assessment	ECTS credits
Compulsory subjects					
1B0C201	Social and Labour Law	RUT	2 – 0 – 2	E	6
1B0C203	Road Vehicle Construction and Technical Aspects of Vehicles	RUT	2 – 0 – 2	E	6
1B0C206	Road Vehicle Power Drives	RUT	2 – 2 – 0	E	6
1B0C207	Basics of Geographic and Information Systems	RUT	2 – 2 – 0	E	6
1B0C301	Price Calculation and Creation	RUT	2 – 3 – 0	E	6
1B0C304	Road Freight Transport Technology	RUT	2 – 0 – 2	E	5
1B0C305	Diagnostics and Repairs of Road Vehicles	RUT	2 – 0 – 2	E	4
1B0C306	Basics of ICT	C	1 – 2 – 0	E	4
1B0M109	Informatics 1	QMEI	0 – 0 – 3	V	3
1B0M101	Mathematics 1	QMEI	2 – 3 – 1	E	7
1B0M201	Statistical Analysis	QMEI	1 – 0 – 2	E	4

Notes: Le...lectures; Tu...tutorials; Lab...laboratory works
V...valuation; E...examination

Summer semester (Spring)					
Code	Subject title	Providing department	Le-Tu-Lab	Assessment	ECTS credits
Compulsory subjects					
1B0E151	Management and Marketing	E	2 – 0 – 2	E	5
1B0C152	Means of Transport in Road Transport	RUT	2 – 2 – 0	E	6
1B0C256	Transport Services by Public Transport	RUT	2 – 2 – 0	E	6
1B0C351	Forwarding	RUT	3 – 3 – 0	E	7
1B0M151	Mathematics 2	QMEI	2 – 3 – 1	E	7
1B0M154	Informatics 2	QMEI	0 – 0 – 3	V	3

Provider:
QMEI – Department of Quantitative Methods and Economic Informatics
RUT – Department of Road and Urban Transport
E – Department of Economics
C – Department of Communications




Type of study: full-time, BSc.
Field of study: transport
Study programme: air transport

Winter semester (Autumn)					
Code	Subject title	Providing department	Le-Tu-Lab	Assessment	ECTS credits
Compulsory subjects					
1B0L201	Communication Systems in Aviation	AT	2 – 1 – 1	E	5
1B0L202	Aerodynamics	AT	3 – 1 – 1	E	5
1B0L203	Aviation Law	AT	2 – 2 – 0	E	5
1B0L204	Air Meteorology	AT	3 – 2 – 0	E	6
1B0L301	Air Navigation 2	AT	2 – 1 – 1	E	6
1B0L302	Aircraft Instruments 2	AT	2 – 0 – 2	E	6
1B0L303	Aircraft 2	AT	2 – 1 – 1	E	5
1B0L304	Aircraft Powerplant 2	AT	3 – 1 – 0	E	5
1B0L205	Technical Strength of Materials	AT	2 – 2 – 1	E	6
1B0L305	Computer Simulations in Aviation	AT	1 – 1 – 2	E	5
1B0L206	Electronics and Avionics	AT	1 – 0 – 2	V	2

Notes: Le...lectures; Tu...tutorials; Lab...laboratory works
V...valuation; E...examination

Summer semester (Spring)					
Code	Subject title	Providing department	Le-Tu-Lab	Assessment	ECTS credits
Compulsory subjects					
1B0L152	Human Factor	AT	2 – 0 – 1	E	5
1B0L153	Meteorology	AT	2 – 1 – 0	E	3
1B0L151	Economics of Transport	AT	2 – 1 – 0	E	5
1B0L252	Flight Mechanics	AT	2 – 1 – 1	E	5
1B0L253	Air Navigation 1	AT	3 – 0 – 1	E	5
1B0L254	Aircraft Instruments 1	AT	2 – 0 – 2	E	4
1B0L255	Aircraft 1	AT	3 – 0 – 1	E	5
1B0L256	Aircraft Powerplant 1	AT	2 – 1 – 1	E	4
1B0L351	Organisation and Management of Civil Aviation	AT	3 – 2 – 0	E	6
1B0L352	Unmanned Aerial Vehicles Operation	AT	3 – 0 – 1	E	6
1B0L353	Safety Management	AT	3 – 0 – 1	E	5

Provider:
AT – Department of Air Transport

	University of Žilina Faculty of Operation and Economics of Transport and Communications	Academic year 2023/2024
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Type of study: full-time, BSc.
 Field of study: transport
 Study programme: water transport

Winter semester (Autumn)					
Code	Subject title	Providing department	Le-Tu-Lab	Assessment	ECTS credits
Compulsory subjects					
1B0V203	Technology in Ports	WT	3 - 1 - 0	E	6
1B0V304	Ship Theory	WT	2 - 1 - 1	E	6
110V101	Logistics	WT	2 - 1 - 0	E	4

Notes: Le...lectures; Tu...tutorials; Lab...laboratory works
 V...valuation; E...examination

Summer semester (Spring)					
Code	Subject title	Providing department	Le-Tu-Lab	Assessment	ECTS credits
Compulsory subjects					
1B0V151	Water Ways	WT	3 - 2 - 0	E	6
1B0V252	Water Transport Legislation	WT	2 - 2 - 0	E	6
1B0V353	Safety of Water Transport	WT	3 - 0 - 2	E	5
110V151	Sea Transport and Sea Containers	WT	2 - 0 - 2	E	6

Provider:
 WT – Department of Water Transport

	University of Žilina Faculty of Operation and Economics of Transport and Communications	Academic year 2023/2024
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Type of study: full-time, BSc.

Field of study: transport


Study programme: **distribution technologies and services**

Winter semester (Autumn)					
Code	Subject title	Providing department	Le-Tu-Lab	Assessment	ECTS credits
Compulsory subjects					
1B0M109	Informatics 1	QMEI	0 – 0 – 3	V	3
1B0M101	Mathematics 1	QMEI	2 – 3 – 1	E	7
1B0S103	Management of Enterprise	C	4 – 2 – 0	E	5
1B0M201	Statistical Analysis	QMEI	1 – 0 – 2	E	4
1B0S203	Human Resources Management	C	2 – 0 – 2	E	5
1B0S204	Algorithmization and Basics of Programming	C	2 – 0 – 2	E	5
1B0S205	Public Governance	C	2 – 0 – 2	E	5
1B0Z201	Environmental and Safety Management	RT	2 – 1 – 0	E	4
1B0S303	Telematic Services	C	2 – 0 – 3	E	7
1B0S304	Economic Statistics	C	2 – 0 – 2	E	5
1B0S306	Information Systems Security Management	C	2 – 0 – 2	E	5
1B0Z102	Transport Geography	RT	2 – 0 – 2	E	5
1B0E102	Communication Techniques	E	2 – 0 – 2	E	6

Notes: Le...lectures; Tu...tutorials; Lab...laboratory works
V...valuation; E...examination

Summer semester (Spring)					
Code	Subject title	Providing department	Le-Tu-Lab	Assessment	ECTS credits
Compulsory subjects					
1B0M151	Mathematics 2	QMEI	2 – 3 – 1	E	7
1B0M154	Informatics 2	QMEI	0 – 0 – 3	V	3
1B0S151	Information and its Transmission	C	2 – 0 – 2	E	4
1B0S152	Business Economics	C	2 – 2 – 0	E	5
1B0E251	Marketing	E	2 – 0 – 2	E	6
1B0C152	Means of Transport in Road Transport	RUT	2 – 2 – 0	E	6
1B0S254	Finance and Financial Management	C	2 – 0 – 2	E	5
1B0S355	Internet of Things	C	3 – 0 – 3	E	4
1B0C351	Forwarding	RUT	3 – 3 – 0	E	7

Provider:
QMEI – Department of Quantitative Methods and Economic Informatics
E – Department of Economics
C – Department of Communications
RT – Department of Railway Transport
RUT – Department of Road and Urban Transport

	University of Žilina Faculty of Operation and Economics of Transport and Communications	Academic year 2023/2024
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Type of study: **full-time, BSc.**
Field of study: **transport**
Study programme: **forwarding and logistics**


Winter semester (Autumn)					
Code	Subject title	Providing department	Le-Tu-Lab	Assessment	ECTS credits
Compulsory subjects					
1B0C103	Transport Services and Logistics	RUT	2 – 3 – 0	E	6
1B0C201	Social and Labour Law	RUT	2 – 0 – 2	E	6
1B0C202	Storage and Material Handling	RUT	2 – 2 – 0	E	5
1B0Z201	Environmental and Safety Management	RT	2 – 1 – 0	E	4
1B0C307	Road Freight Transport Technology	RUT	2 – 0 – 2	E	5
1B0C309	Multimodal Transport	RUT	2 – 0 – 2	E	6
1B0V305	Inland Water Transport	WT	2 – 1 – 0	E	4
1B0M109	Informatics 1	QMEI	0 – 0 – 3	V	3
1B0M101	Mathematics 1	QMEI	2 – 3 – 1	E	7

Notes: Le...lectures; Tu...tutorials; Lab...laboratory works
V...valuation; E...examination

Summer semester (Spring)					
Code	Subject title	Providing department	Le-Tu-Lab	Assessment	ECTS credits
Compulsory subjects					
1B0C153	Means of Transport in Road Transport	RUT	2 – 2 – 0	E	5
1B0E153	Management and Marketing	E	2 – 0 – 2	E	6
1B0L258	Business and Operational Activities in Air Transport	AT	2 – 2 – 0	E	5
1B0L259	Economics of Transport	AT	2 – 1 – 0	E	5
1B0C351	Forwarding	RUT	3 – 3 – 0	E	7
1B0C352	Information Systems in Road Transport Companies and Forwarding	RUT	4 – 0 – 4	E	7
1B0M151	Mathematics 2	QMEI	2 – 3 – 1	E	7
1B0M154	Informatics 2	QMEI	0 – 0 – 3	V	3

Provider:
QMEI – Department of Quantitative Methods and Economic Informatics
RUT – Department of Road and Urban Transport
WT – Department of Water Transport

E – Department of Economics
RT – Department of Railway Transport
AT – Department of Air Transport

	University of Žilina Faculty of Operation and Economics of Transport and Communications	Academic year 2023/2024
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Type of study: **full-time, BSc.**
Field of study: **transport**
Study programme: **transport services in personal transport**

Winter semester (Autumn)					
Code	Subject title	Providing department	Le-Tu-Lab	Assessment	ECTS credits
Compulsory subjects					
1B0M102	Informatics	QMEI	0 – 0 – 3	V	3
1B0M101	Mathematics 1	QMEI	2 – 3 – 1	E	7
1B0Z102	Transport Geography	RT	2 – 0 – 2	E	5
1B0Z201	Environmental and Safety Management	RT	2 – 1 – 0	E	4
1B0C201	Social and Labour Law	RUT	2 – 0 – 2	E	6
1B0S204	Algorithmization and Basics of Programming	C	2 – 0 – 2	E	5

Notes: Le...lectures; Tu...tutorials; Lab...laboratory works
 V...valuation; E...examination

Summer semester (Spring)					
Code	Subject title	Providing department	Le-Tu-Lab	Assessment	ECTS credits
Compulsory subjects					
1B0M151	Mathematics 2	QMEI	2 – 3 – 1	E	7
1B0L259	Economics of Transport	AT	2 – 1 – 0	E	5

Provider:
QMEI – Department of Quantitative Methods and Economic Informatics
RUT – Department of Road and Urban Transport
RT – Department of Railway Transport
E – Department of Economics
C – Department of Communications
AT – Department of Air Transport

	University of Žilina Faculty of Operation and Economics of Transport and Communications	Academic year 2023/2024
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Type of study: full-time, BSc.
 Field of study: economics and management
 Study programme: **economics and management of enterprise**

Winter semester (Autumn)					
Code	Subject title	Providing department	Le-Tu-Lab	Assessment	ECTS credits
Compulsory subjects					
1B0E105	Macroeconomics	E	2 – 2 – 0	E	7
1B0M109	Informatics 1	QMEI	0 – 0 – 3	V	3
1B0M101	Mathematics 1	QMEI	2 – 3 – 1	E	7
1B0E104	Psychology for Managers	E	0 – 0 – 3	V	3
1B0E201	Business Finance	E	2 – 1 – 2	E	8
1B0E202	Business Management	E	3 – 2 – 0	E	7
1B0E302	Calculations and Budgets	E	2 – 0 – 2	E	6
1B0E308	Financial Markets and Stocks	E	2 – 0 – 2	E	4

Notes: Le...lectures; Tu...tutorials; Lab...laboratory works
 V...valuation; E...examination

Summer semester (Spring)					
Code	Subject title	Providing department	Le-Tu-Lab	Assessment	ECTS credits
Compulsory subjects					
1B0M151	Mathematics 2	QMEI	2 – 3 – 1	E	7
1B0E156	Microeconomics	E	2 – 2 – 0	E	5
1B0E253	Marketing	E	2 – 0 – 2	E	7
1B0E355	Marketing Communication	E	3 – 3 – 0	E	4

Provider:
 QMEI – Department of Quantitative Methods and Economic Informatics
 E – Department of Economics

	University of Žilina Faculty of Operation and Economics of Transport and Communications	Academic year 2023/2024
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Type of study: full-time, BSc.
 Field of study: economics and management
 Study programme: **financial management**

Winter semester (Autumn)					
Code	Subject title	Providing department	Le-Tu-Lab	Assessment	ECTS credits
Compulsory subjects					
1B0E104	Psychology for Managers	E	0 – 0 – 3	V	3
1B0E105	Macroeconomics	E	2 – 2 – 0	E	7
1B0M109	Informatics 1	QMEI	0 – 0 – 3	V	3
1B0M101	Mathematics 1	QMEI	2 – 3 – 1	E	7
1B0E201	Business Finance	E	2 – 1 – 2	E	8
1B0E202	Business Management	E	3 – 2 – 0	E	7
1B0M201	Statistical Analysis	QMEI	1 – 0 – 2	E	4
1B0E309	Debt Financing	E	2 – 0 – 3	E	7
1B0E308	Financial Markets and Stocks	E	2 – 0 – 2	E	4

Notes: Le...lectures; Tu...tutorials; Lab...laboratory works
 V...valuation; E...examination

Summer semester (Spring)					
Code	Subject title	Providing department	Le-Tu-Lab	Assessment	ECTS credits
Compulsory subjects					
1B0E156	Microeconomics	E	2 – 2 – 0	E	5
1B0M151	Mathematics 2	QMEI	2 – 3 – 1	E	7
1B0E253	Marketing	E	2 – 0 – 2	E	7

Provider:
 QMEI – Department of Quantitative Methods and Economic Informatics
 E – Department of Economics

	University of Žilina Faculty of Operation and Economics of Transport and Communications	Academic year 2023/2024
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Type of study: full-time, BSc.
 Field of study: economics and management
 Study programme: e-business and management

Winter semester (Autumn)					
Code	Subject title	Providing department	Le-Tu-Lab	Assessment	ECTS credits
Compulsory subjects					
1B0M109	Informatics 1	QMEI	0 – 0 – 3	V	3
1B0M101	Mathematics 1	QMEI	2 – 3 – 1	E	7
1B0M201	Statistical Analysis	QMEI	1 – 0 – 2	E	4
1B0S312	Public Governance	C	2 – 0 – 2	E	3
1B0S308	E - Commerce	C	2 – 0 – 2	E	5

Notes: Le...lectures; Tu...tutorials; Lab...laboratory works
 V...valuation; E...examination

Summer semester (Spring)					
Code	Subject title	Providing department	Le-Tu-Lab	Assessment	ECTS credits
Compulsory subjects					
1B0M151	Mathematics 2	QMEI	2 – 3 – 1	E	7
1B0M154	Informatics 2	QMEI	0 – 0 – 3	V	3
1B0E251	Marketing	E	2 – 0 – 2	E	6
1B0S254	Finance and Financial Management	C	2 – 0 – 2	E	5
1B0S354	Business and Investment	C	3 – 0 – 3	E	7

Provider:
 QMEI – Department of Quantitative Methods and Economic Informatics
 E – Department of Economics
 C – Department of Communications

	University of Žilina Faculty of Operation and Economics of Transport and Communications	Academic year 2023/2024
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Type of study: full-time, BSc. and full-time, MSc.
Field of study: for all bachelor studies, for all master studies
Study programme: for all bachelor and master study programmes
Department: **Languages - Institute of Lifelong Learning**

Winter semester (Autumn)					
Code	Subject title	Providing department	Le-Tu-Lab	Assessment	ECTS credits
Optional subjects¹⁾					
8SJZŠ	Slovak language course	ÚCV	0 - 2 - 4	E	3
1B0P203	English in Aviation 1	ÚCV	0 - 2 - 0	V	3
Facultative subjects²⁾					
1B0P103	English Language 1 (for Transport Study Programmes)	ÚCV	0 - 2 - 0	V	3
1B0P208	English Language 1 (for Economic Study Programmes)	ÚCV	0 - 2 - 0	V	2


Notes: Le...lectures; Tu...tutorials; Lab...laboratory works
V...valuation; E...examination

Summer semester (Spring)					
Code	Subject title	Providing department	Le-Tu-Lab	Assessment	ECTS credits
Optional subjects¹⁾					
8SJZŠ	Slovak language course	ÚCV	0 - 2 - 4	E	3
1B0P253	English in Aviation 2	ÚCV	0 - 2 - 0	V	3
Facultative subjects²⁾					
1B0P158	English Language 2 (for Transport Study Programmes)	ÚCV	0 - 2 - 0	V	2
1B0P258	English Language 2 (for Economic Study Programmes)	ÚCV	0 - 2 - 0	V	2

Provider:
ÚCV – Institute of Lifelong Learning

- 1) Student can choose one or two subjects from optional subjects
2) Student can choose one subject from the facultative subjects

STUDY PROGRAMMES
Academic year 2023/2024
Full-time Master Study

	University of Žilina Faculty of Operation and Economics of Transport and Communications	Academic year 2023/2024
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Type of study: full-time, MSc.
 Field of study: transport
 Study programme: railway transport

Winter semester (Autumn)					
Code	Subject title	Providing department	Le-Tu-Lab	Assessment	ECTS credits
Compulsory subjects					
110Z101	International Rail Transport 1	RT	2 - 1 - 0	E	4
110Z102	Controlling in Rail Transport 1	RT	3 - 0 - 3	E	7
110Z103	Project Management in Transport	RT	1 - 2 - 0	E	5
110Z202	Quality Management in Railway Transport	RT	2 - 0 - 2	E	5
110Z205	Controlling in Rail Transport 2	RT	2 - 0 - 2	E	5

Notes: Le...lectures; Tu...tutorials; Lab...laboratory works
 V...valuation; E...examination

Summer semester (Spring)					
Code	Subject title	Providing department	Le-Tu-Lab	Assessment	ECTS credits
Compulsory subjects					
110Z151	Modeling of Transport and Transportation Processes 1	RT	2 - 0 - 2	E	6
110Z152	Prices and Tariffs	RT	2 - 0 - 2	E	6
110Z253	Strategic Management in Railway Transport	RT	3 - 0 - 3	E	4
110Z254	Modeling of Transport and Transportation Processes 3	RT	1 - 2 - 3	E	4

Provider:
 RT – Department of Railway Transport

	University of Žilina Faculty of Operation and Economics of Transport and Communications	Academic year 2023/2024
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Type of study: full-time, MSc.
Field of study: transport
Study programme: road transport

Winter semester (Autumn)					
Code	Subject title	Providing department	Le-Tu-Lab	Assessment	ECTS credits
Compulsory subjects					
110M101	Statistical analysis	QMEI	1 – 0 – 2	E	4
110C101	Business and Financial Management of the Company	RUT	2 – 2 – 0	E	6
110M102	Operational analysis 1	QMEI	2 – 0 – 2	E	5
110V201	Logistics	WT	2 – 1 – 0	E	4
110C203	Transport Planning and Sustainable Mobility	RUT	2 – 1 – 0	E	4
110C204	Freight Transport Technology	RUT	2 – 0 – 2	E	5
110C252	Road Vehicle Testing	RUT	2 – 0 – 2	E	6

Notes: Le...lectures; Tu...tutorials; Lab...laboratory works
V...valuation; E...examination

Summer semester (Spring)					
Code	Subject title	Providing department	Le-Tu-Lab	Assessment	ECTS credits
Compulsory subjects					
110C151	Economics of Road and Urban Transport	RUT	2 – 2 – 0	E	6
110C152	Diagnostics of Vehicle Electronic Systems	RUT	2 – 0 – 2	E	6
110C153	Modeling of Transport and Transportation Process	RUT	2 – 2 – 0	E	5
110C154	Integrated Transport Systems	RUT	2 – 2 – 0	E	5

Provider:
QMEI – Department of Quantitative Methods and Economic Informatics
RUT – Department of Road and Urban Transport
WT – Department of Water Transport

	University of Žilina Faculty of Operation and Economics of Transport and Communications	Academic year 2023/2024
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Type of study: **full-time, MSc.**
Field of study: **transport**
Study programme: **air transport**

Winter semester (Autumn)					
Code	Subject title	Providing department	Le-Tu-Lab	Assessment	ECTS credits
Compulsory subjects					
1IOL102	Communication, Navigation, Surveillance	AT	2 – 1 – 1	E	7
1IOL103	Economics of Air Navigation Service Providers	AT	2 – 2 – 0	E	6
1IOL104	Planning and Operation in Air Transport Company	AT	3 – 2 – 0	E	6
1IOL105	Materials in Aviation	AT	2 – 2 – 0	E	6
1IOL106	Turbine Engine 1	AT	2 – 2 – 0	E	6
1IOL201	Airport Design and Operation 2	AT	2 – 1 – 1	E	6
1IOL202	Technical Aircraft Maintenance 1	AT	3 – 1 – 1	E	5
1IOL203	Air Traffic Management 2	AT	2 – 2 – 0	E	6
1IOL204	Airports Marketing	AT	2 – 1 – 0	E	5
1IOL205	Planning and Operation in Air Transport Company	AT	3 – 1 – 0	E	5
1IOL206	Basic Machine Parts	AT	2 – 1 – 0	E	5
1IOL207	Maintenance Procedures	AT	3 – 1 – 0	E	6
1IOL208	Air Propeller	AT	2 – 1 – 1	E	5

Notes: Le...lectures; Tu...tutorials; Lab...laboratory works
V...valuation; E...examination

Summer semester (Spring)					
Code	Subject title	Providing department	Le-Tu-Lab	Assessment	ECTS credits
Compulsory subjects					
1IOL153	Air Traffic Management 1	AT	2 – 2 – 0	E	6
1IOL154	Economics of Air Transport Companies	AT	3 – 1 – 0	E	5
1IOL155	Turbine Engine 2	AT	3 – 1 – 0	E	6
1IOL156	Construction of Aircrafts	AT	2 – 2 – 0	E	5
1IOL151	Airport Design and Operation 1	AT	2 – 1 – 1	E	6
1IOL152	Marketing of the Airlines and Aircraft Manufacturers	AT	2 – 2 – 0	E	5
1IOL251	Technical Aircraft Maintenance 2	AT	3 – 2 – 0	E	4
1IOL252	Law of Business and Personal Relations in Aviation	AT	3 – 1 – 0	E	4
1IOL101	Air Traffic Operation	AT	2 – 2 – 0	E	4
1IOL253	Airports Economics	AT	2 – 1 – 0	E	3

Provider:
AT – Department of Air Transport

	University of Žilina Faculty of Operation and Economics of Transport and Communications	Academic year 2023/2024
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Type of study: full-time, MSc.
Field of study: transport
Study programme: postal engineering


Winter semester (Autumn)					
Code	Subject title	Providing department	Le-Tu-Lab	Assessment	ECTS credits
Compulsory subjects					
110S207	Managerial Economics	C	1 – 0 – 2	E	4
110V101	Logistics	WT	2 - 1 - 0	E	4
110M102	Operational Analysis 1	QMEI	2 – 0 – 2	E	5
110S107	E - Commerce	C	2 – 0 – 2	E	5
110C208	Quality Management	RUT	2 – 0 – 2	E	6
110Z109	Intermodal Transport	RT	2 – 2 – 0	E	6
110S203	Digital Marketing	C	2 – 0 – 2	E	5
110S208	Information Technology Applications	C	1 – 0 – 2	E	4
110S214	Systems Modelling	C	2 – 0 – 2	E	6
110E209	Labour Law	AT	2 – 1 – 0	E	4
110E107	Statistical Analysis for Managers	E	2 – 0 – 3	E	6
110S204	Multimedia	C	2 – 0 – 2	E	5

Notes: Le...lectures; Tu...tutorials; Lab...laboratory works
V...valuation; E...examination

Summer semester (Spring)					
Code	Subject title	Providing department	Le-Tu-Lab	Assessment	ECTS credits
Compulsory subjects					
110S156	Budgeting, calculations and prices	C	2 – 0 – 2	E	5
110M151	Operational Analysis 2	QMEI	2 – 0 – 2	E	5
110L158	Transport Economics	AT	2 – 1 – 0	E	5
110C251	Transport of Dangerous Goods	RUT	4 – 0 – 3	E	5
110C156	Logistics Management and Systems	RUT	2 – 2 – 0	E	5

Provider:
QMEI – Department of Quantitative Methods and Economic Informatics
RT – Department of Railway Transport
RUT – Department of Road and Urban Transport

C – Department of Communications
AT – Department of Air Transport
E – Department of Economics

	University of Žilina Faculty of Operation and Economics of Transport and Communications	Academic year 2023/2024
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Type of study: full-time, MSc.
 Field of study: transport
 Study programme: forwarding and logistics

Winter semester (Autumn)					
Code	Subject title	Providing department	Le-Tu-Lab	Assessment	ECTS credits
Compulsory subjects					
1I0M101	Statistical Analysis	QMEI	1 – 0 – 2	E	4
1I0V101	Logistics	WT	2 - 1 - 0	E	4
1I0C208	Quality Management	RUT	2 – 0 – 2	E	6
1I0C204	Freight Transport Technology	RUT	2 – 0 – 2	E	5
1I0S209	E - Commerce	C	2 – 0 – 2	E	5
1I0M102	Operational Analysis 1	QMEI	2 – 0 – 2	E	5

Notes: Le...lectures; Tu...tutorials; Lab...laboratory works
 V...valuation; E...examination

Summer semester (Spring)					
Code	Subject title	Providing department	Le-Tu-Lab	Assessment	ECTS credits
Compulsory subjects					
1I0C151	Economics of Road and Urban Transport	RUT	2 – 2 – 0	E	6
1I0C156	Logistics Management and Systems	RUT	2 – 2 – 0	E	5
1I0V151	Sea Transport and Sea Containers	WT	2 – 0 – 2	E	6
1I0C251	Transport of Dangerous Goods	RUT	4 – 0 – 3	E	5
1I0C255	Customs Procedures and Insurance	RUT	4 – 0 – 3	E	6
1I0M151	Operational Analysis 2	QMEI	2 – 0 – 2	E	5

Provider:
 QMEI – Department of Quantitative Methods and Economic Informatics
 RUT – Department of Road and Urban Transport
 WT – Department of Water Transport
 C – Department of Communications

	University of Žilina Faculty of Operation and Economics of Transport and Communications	Academic year 2023/2024
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Type of study: full-time, MSc.
 Field of study: economics and management
 Study programme: **economics and management of enterprise**

Winter semester (Autumn)					
Code	Subject title	Providing department	Le-Tu-Lab	Assessment	ECTS credits
Compulsory subjects					
110E109	Investment Management	E	2 – 0 – 2	E	5
110E107	Statistical Analysis for Managers	E	2 – 0 – 3	E	6
110E110	Innovation Management	E	2 – 2 – 0	E	5
110E105	Organization of Managerial Work	E	2 – 0 – 2	E	5
110M102	Operational Analysis 1	QMEI	2 – 0 – 2	E	5
110E205	Business and Property Valuation	E	2 – 0 – 2	E	5

Notes: Le...lectures; Tu...tutorials; Lab...laboratory works
 V...valuation; E...examination

Summer semester (Spring)					
Code	Subject title	Providing department	Le-Tu-Lab	Assessment	ECTS credits
Compulsory subjects					
110E152	Financial Management	E	3 – 2 – 2	E	7
110E153	Project Management	E	2 – 0 – 2	E	5
110E251	Financial Reporting and Controlling	E	4 – 2 – 2	E	6
110E252	Financial Risk Modelling	E	4 – 2 – 2	E	6
110E253	Marketing of Services	E	2 – 2 – 0	E	3

Provider:
 E – Department of Economics
 QMEI – Department of Quantitative Methods and Economic Informatics

	University of Žilina Faculty of Operation and Economics of Transport and Communications	Academic year 2023/2024
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Type of study: full-time, MSc.
Field of study: economics and management
Study programme: **financial management**

Winter semester (Autumn)					
Code	Subject title	Providing department	Le-Tu-Lab	Assessment	ECTS credits
Compulsory subjects					
110E107	Statistical Analysis for Managers	E	2 – 0 – 3	E	6
110E112	Costing and Budgets	E	2 – 0 – 2	E	6
110E109	Investment Management	E	2 – 0 – 2	E	5
110E205	Business and Property Valuation	E	2 – 0 – 2	E	5
110S215	International Accounting	C	2 – 0 – 2	E	5
110M102	Operational Analysis 1	QMEI	2 – 0 – 2	E	5

Notes: Le...lectures; Tu...tutorials; Lab...laboratory works
V...valuation; E...examination

Summer semester (Spring)					
Code	Subject title	Providing department	Le-Tu-Lab	Assessment	ECTS credits
Compulsory subjects					
110E152	Financial Management	E	3 – 2 – 2	E	7
110E156	Business Value Management	E	2 – 0 – 2	E	5
110E251	Financial Reporting and Controlling	E	4 – 2 – 2	E	6
110E252	Financial Risk Modelling	E	4 – 2 – 2	E	6
110E157	Financial Models	E	2 – 0 – 2	E	5

Provider:
E – Department of Economics
QMEI – Department of Quantitative Methods and Economic Informatics
C – Department of Communications

	University of Žilina Faculty of Operation and Economics of Transport and Communications	Academic year 2023/2024
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Type of study: full-time, MSc.
 Field of study: economics and management
 Study programme: e-business and management

Winter semester (Autumn)					
Code	Subject title	Providing department	Le-Tu-Lab	Assessment	ECTS credits
Compulsory subjects					
110S207	Managerial Economics	C	1 - 0 - 2	E	4
110V101	Logistics	WT	2 - 1 - 0	E	4
110E111	International Marketing	E	2 - 0 - 1	E	4
110S203	Digital Marketing	C	2 - 0 - 2	E	5
110S201	Tax and Audit	C	2 - 0 - 2	E	4
110S204	Multimedia	C	2 - 0 - 2	E	5

Notes: Le...lectures; Tu...tutorials; Lab...laboratory works
 V...valuation; E...examination

Summer semester (Spring)					
Code	Subject title	Providing department	Le-Tu-Lab	Assessment	ECTS credits
Compulsory subjects					
110L158	Transport Economics	AT	2 - 1 - 0	E	5

Provider:
 C – Department of Communications
 E – Department of Economics
 WT – Department of Water Transport
 AT – Department of Air Transport