



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




# *ECTS INFORMATION PACKAGE* *ACADEMIC YEAR 2022/2023*

GUIDE FOR FOREIGN STUDENTS

version: March 2022

<b>Field of Study</b>	<b>STUDY PROGRAMME</b>		
	<i>1. degree – BSc. Study</i>	<i>2. degree – MSc. Study</i>	<i>3. degree – PhD. Study</i>
<b>Transport</b>	Railway Transport	Railway Transport	Transport Technique and Technology
	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
	Transport Services in Personal Transport		
<b>Economics and Management</b>	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 2022/2023*  
*Full-time Bachelor Study*

	<b>University of Žilina</b> Faculty of Operation and Economics of Transport and Communications	Academic year 2022/2023
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Type of study: full-time, BSc.  
 Field of study: transport  
 Study programme: railway transport

<b>Winter semester (Autumn)</b>					
Code	Subject title	Providing department	Le-Tu-Lab	Assessment	ECTS credits
<b>Compulsory subjects</b>					
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

<b>Summer semester (Spring)</b>					
Code	Subject title	Providing department	Le-Tu-Lab	Assessment	ECTS credits
<b>Compulsory subjects</b>					
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

	<b>University of Žilina</b> Faculty of Operation and Economics of Transport and Communications	Academic year 2022/2023
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Type of study: **full-time, BSc.**  
Field of study: **transport**  
Study programme: **road transport**

<b>Winter semester (Autumn)</b>					
Code	Subject title	Providing department	Le-Tu-Lab	Assessment	ECTS credits
<b>Compulsory subjects</b>					
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

<b>Summer semester (Spring)</b>					
Code	Subject title	Providing department	Le-Tu-Lab	Assessment	ECTS credits
<b>Compulsory subjects</b>					
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

	<b>University of Žilina</b> Faculty of Operation and Economics of Transport and Communications	Academic year 2022/2023
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Type of study: full-time, BSc.  
Field of study: transport  
Study programme: air transport

<b>Winter semester (Autumn)</b>					
Code	Subject title	Providing department	Le-Tu-Lab	Assessment	ECTS credits
<b>Compulsory subjects</b>					
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

<b>Summer semester (Spring)</b>					
Code	Subject title	Providing department	Le-Tu-Lab	Assessment	ECTS credits
<b>Compulsory subjects</b>					
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

	<b>University of Žilina</b> Faculty of Operation and Economics of Transport and Communications	Academic year 2022/2023
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Type of study: full-time, BSc.  
Field of study: transport  
Study programme: water transport

<b>Winter semester (Autumn)</b>					
Code	Subject title	Providing department	Le-Tu-Lab	Assessment	ECTS credits
<b>Compulsory subjects</b>					
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

<b>Summer semester (Spring)</b>					
Code	Subject title	Providing department	Le-Tu-Lab	Assessment	ECTS credits
<b>Compulsory subjects</b>					
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

	<b>University of Žilina</b> Faculty of Operation and Economics of Transport and Communications	Academic year 2022/2023
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Type of study: full-time, BSc.

Field of study: transport

Study programme: **distribution technologies and services**


<b>Winter semester (Autumn)</b>					
Code	Subject title	Providing department	Le-Tu-Lab	Assessment	ECTS credits
<b>Compulsory subjects</b>					
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

<b>Summer semester (Spring)</b>					
Code	Subject title	Providing department	Le-Tu-Lab	Assessment	ECTS credits
<b>Compulsory subjects</b>					
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



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Type of study: **full-time, BSc.**  
Field of study: **transport**  
Study programme: **forwarding and logistics**


<b>Winter semester (Autumn)</b>					
Code	Subject title	Providing department	Le-Tu-Lab	Assessment	ECTS credits
<b>Compulsory subjects</b>					
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

<b>Summer semester (Spring)</b>					
Code	Subject title	Providing department	Le-Tu-Lab	Assessment	ECTS credits
<b>Compulsory subjects</b>					
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

	<b>University of Žilina</b> Faculty of Operation and Economics of Transport and Communications	Academic year 2022/2023
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Type of study: full-time, BSc.  
 Field of study: transport  
 Study programme: **transport services in personal transport**

<b>Winter semester (Autumn)</b>					
Code	Subject title	Providing department	Le-Tu-Lab	Assessment	ECTS credits
<b>Compulsory subjects</b>					
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

<b>Summer semester (Spring)</b>					
Code	Subject title	Providing department	Le-Tu-Lab	Assessment	ECTS credits
<b>Compulsory subjects</b>					
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

	<b>University of Žilina</b> Faculty of Operation and Economics of Transport and Communications	Academic year 2022/2023
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Type of study: full-time, BSc.  
 Field of study: economics and management  
 Study programme: **economics and management of enterprise**

<b>Winter semester (Autumn)</b>					
Code	Subject title	Providing department	Le-Tu-Lab	Assessment	ECTS credits
<b>Compulsory subjects</b>					
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

<b>Summer semester (Spring)</b>					
Code	Subject title	Providing department	Le-Tu-Lab	Assessment	ECTS credits
<b>Compulsory subjects</b>					
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
1B0E255	Financial Accounting 1	E	2 – 2 – 1	E	6
1B0E355	Marketing Communication	E	3 – 3 – 0	E	4

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

	<b>University of Žilina</b> Faculty of Operation and Economics of Transport and Communications	Academic year 2022/2023
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Type of study: full-time, BSc.  
 Field of study: economics and management  
 Study programme: **financial management**

<b>Winter semester (Autumn)</b>					
Code	Subject title	Providing department	Le-Tu-Lab	Assessment	ECTS credits
<b>Compulsory subjects</b>					
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
1B0E306	Financial Accounting 2	E	1 – 2 – 0	E	4
1B0E308	Financial Markets and Stocks	E	2 – 0 – 2	E	4

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

<b>Summer semester (Spring)</b>					
Code	Subject title	Providing department	Le-Tu-Lab	Assessment	ECTS credits
<b>Compulsory subjects</b>					
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
1B0E255	Financial Accounting 1	E	2 – 2 – 1	E	6

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

	<b>University of Žilina</b> Faculty of Operation and Economics of Transport and Communications	Academic year 2022/2023
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Type of study: full-time, BSc.  
 Field of study: economics and management  
 Study programme: e-business and management

<b>Winter semester (Autumn)</b>					
Code	Subject title	Providing department	Le-Tu-Lab	Assessment	ECTS credits
<b>Compulsory subjects</b>					
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

<b>Summer semester (Spring)</b>					
Code	Subject title	Providing department	Le-Tu-Lab	Assessment	ECTS credits
<b>Compulsory subjects</b>					
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

	<b>University of Žilina</b> Faculty of Operation and Economics of Transport and Communications	Academic year 2022/2023
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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**

<b>Winter semester (Autumn)</b>					
Code	Subject title	Providing department	Le-Tu-Lab	Assessment	ECTS credits
<b>Optional subjects<sup>1)</sup></b>					
8SJZŠ	Slovak language course	ÚCV	0 - 2 - 4	E	3
1B0P203	English in Aviation 1	ÚCV	0 - 2 - 0	V	3
<b>Facultative subjects<sup>2)</sup></b>					
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

<b>Summer semester (Spring)</b>					
Code	Subject title	Providing department	Le-Tu-Lab	Assessment	ECTS credits
<b>Optional subjects<sup>1)</sup></b>					
8SJZŠ	Slovak language course	ÚCV	0 - 2 - 4	E	3
1B0P253	English in Aviation 2	ÚCV	0 - 2 - 0	V	3
<b>Facultative subjects<sup>2)</sup></b>					
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 2022/2023*  
*Full-time Master Study*

	<b>University of Žilina</b> Faculty of Operation and Economics of Transport and Communications	Academic year 2022/2023
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Type of study: full-time, MSc.  
 Field of study: transport  
 Study programme: railway transport


<b>Winter semester (Autumn)</b>					
Code	Subject title	Providing department	Le-Tu-Lab	Assessment	ECTS credits
<b>Compulsory subjects</b>					
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

<b>Summer semester (Spring)</b>					
Code	Subject title	Providing department	Le-Tu-Lab	Assessment	ECTS credits
<b>Compulsory subjects</b>					
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



	<b>University of Žilina</b> Faculty of Operation and Economics of Transport and Communications	Academic year 2022/2023
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Type of study: full-time, MSc.  
 Field of study: transport  
 Study programme: road transport

<b>Winter semester (Autumn)</b>					
Code	Subject title	Providing department	Le-Tu-Lab	Assessment	ECTS credits
<b>Compulsory subjects</b>					
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

<b>Summer semester (Spring)</b>					
Code	Subject title	Providing department	Le-Tu-Lab	Assessment	ECTS credits
<b>Compulsory subjects</b>					
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

	<b>University of Žilina</b> Faculty of Operation and Economics of Transport and Communications	Academic year 2022/2023
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Type of study: **full-time, MSc.**  
Field of study: **transport**  
Study programme: **air transport**

<b>Winter semester (Autumn)</b>					
Code	Subject title	Providing department	Le-Tu-Lab	Assessment	ECTS credits
<b>Compulsory subjects</b>					
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

<b>Summer semester (Spring)</b>					
Code	Subject title	Providing department	Le-Tu-Lab	Assessment	ECTS credits
<b>Compulsory subjects</b>					
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

	<b>University of Žilina</b> Faculty of Operation and Economics of Transport and Communications	Academic year 2022/2023
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Type of study: full-time, MSc.  
Field of study: transport  
Study programme: postal engineering


<b>Winter semester (Autumn)</b>					
Code	Subject title	Providing department	Le-Tu-Lab	Assessment	ECTS credits
<b>Compulsory subjects</b>					
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

<b>Summer semester (Spring)</b>					
Code	Subject title	Providing department	Le-Tu-Lab	Assessment	ECTS credits
<b>Compulsory subjects</b>					
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

	<b>University of Žilina</b> Faculty of Operation and Economics of Transport and Communications	Academic year 2022/2023
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Type of study: full-time, MSc.  
 Field of study: transport  
 Study programme: forwarding and logistics

<b>Winter semester (Autumn)</b>					
Code	Subject title	Providing department	Le-Tu-Lab	Assessment	ECTS credits
<b>Compulsory subjects</b>					
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
1I0C209	Freight Transport Technology	RUT	2 – 0 – 2	E	6
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

<b>Summer semester (Spring)</b>					
Code	Subject title	Providing department	Le-Tu-Lab	Assessment	ECTS credits
<b>Compulsory subjects</b>					
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

	<b>University of Žilina</b> Faculty of Operation and Economics of Transport and Communications	Academic year 2022/2023
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Type of study: full-time, MSc.  
 Field of study: economics and management  
 Study programme: **economics and management of enterprise**

<b>Winter semester (Autumn)</b>					
Code	Subject title	Providing department	Le-Tu-Lab	Assessment	ECTS credits
<b>Compulsory subjects</b>					
1I0E109	Investment Management	E	2 – 0 – 2	E	5
1I0E107	Statistical Analysis for Managers	E	2 – 0 – 3	E	6
1I0E210	Taxation and Tax System	E	2 – 0 – 2	E	6
1I0E110	Innovation Management	E	2 – 2 – 0	E	5
1I0E105	Organization of Managerial Work	E	2 – 0 – 2	E	5
1I0M102	Operational Analysis 1	QMEI	2 – 0 – 2	E	5
1I0E205	Business and Property Valuation	E	2 – 0 – 2	E	5

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

<b>Summer semester (Spring)</b>					
Code	Subject title	Providing department	Le-Tu-Lab	Assessment	ECTS credits
<b>Compulsory subjects</b>					
1I0E152	Financial Management	E	3 – 2 – 2	E	7
1I0E153	Project Management	E	2 – 0 – 2	E	5
1I0E251	Financial Reporting and Controlling	E	4 – 2 – 2	E	6
1I0E252	Financial Risk Modelling	E	4 – 2 – 2	E	6
1I0E253	Marketing of Services	E	2 – 2 – 0	E	3

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

	<b>University of Žilina</b> Faculty of Operation and Economics of Transport and Communications	Academic year 2022/2023
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Type of study: full-time, MSc.  
 Field of study: economics and management  
 Study programme: **financial management**

<b>Winter semester (Autumn)</b>					
Code	Subject title	Providing department	Le-Tu-Lab	Assessment	ECTS credits
<b>Compulsory subjects</b>					
110E107	Statistical Analysis for Managers	E	2 – 0 – 3	E	6
110E112	Budgeting and Calculations	E	2 – 0 – 2	E	6
110E109	Investment Management	E	2 – 0 – 2	E	5
110E210	Taxation and Tax System	E	2 – 0 – 2	E	6
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

<b>Summer semester (Spring)</b>					
Code	Subject title	Providing department	Le-Tu-Lab	Assessment	ECTS credits
<b>Compulsory subjects</b>					
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

	<b>University of Žilina</b> Faculty of Operation and Economics of Transport and Communications	Academic year 2022/2023
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Type of study: full-time, MSc.  
 Field of study: economics and management  
 Study programme: e-business and management

<b>Winter semester (Autumn)</b>					
Code	Subject title	Providing department	Le-Tu-Lab	Assessment	ECTS credits
<b>Compulsory subjects</b>					
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

<b>Summer semester (Spring)</b>					
Code	Subject title	Providing department	Le-Tu-Lab	Assessment	ECTS credits
<b>Compulsory subjects</b>					
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