



# Courses in English for Erasmus+ exchange students

2023/ 2024



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

**Erasmus ID Code**  
SK ZILINA01

**PIC CODE**  
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**OID**  
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## Bc. Degree

### Winter Semester

Code	Course Title	Study programme	ECTS	Department	Language
1B0Z201	Environmental and Safety Management	railway transport	4	RT	English
1B0Z203	Goods Expertise and Material Handling	railway transport	5	RT	English
1B0Z303	Intermodal Transportation	railway transport	6	RT	English
1B0Z304	Management in Railway Transport	railway transport	3	RT	English
1B0M109	Informatics 1	railway transport	3	QMEI	English
1B0M101	Mathematics 1	railway transport	7	QMEI	English
1B0C201	Social and Labor Law	road transport	6	RUT	English
1B0C203	Road Vehicle Construction and Technical Aspects of Vehicles	road transport	6	RUT	English
1B0C206	Road Vehicle Power Drives	road transport	6	RUT	English
1B0C207	Basics of Geographic and Information Systems	road transport	6	RUT	English
1B0C301	Price Calculation and Creation	road transport	6	RUT	English
1B0C304	Road Freight Transport Technology	road transport	5	RUT	English
1B0C305	Diagnostics and Repairs of Road Vehicles	road transport	4	RUT	English
1B0C306	Basics of ICT	road transport	4	C	English
1B0M109	Informatics 1	road transport	3	QMEI	English
1B0M101	Mathematics 1	road transport	7	QMEI	English
1B0M201	Statistical Analysis	road transport	4	QMEI	English
1B0L201	Communication Systems in Aviation	air transport	5	AT	English
1B0L202	Aerodynamics	air transport	5	AT	English
1B0L203	Aviation Law	air transport	5	AT	English
1B0L204	Air Meteorology	air transport	6	AT	English
1B0L301	Air Navigation 2	air transport	6	AT	English
1B0L302	Aircraft Instruments 2	air transport	6	AT	English
1B0L303	Aircraft 2	air transport	5	AT	English
1B0L304	Aircraft Powerplant 2	air transport	5	AT	English
1B0L205	Technical Strength of Materials	air transport	6	AT	English
1B0L305	Computer Simulations in Aviation	air transport	5	AT	English
1B0L206	Electronics and Avionics	air transport	2	AT	English
1B0V203	Technology in Ports	water transport	6	WT	English
1B0V304	Ship Theory	water transport	6	WT	English
1I0V101	Logistics	water transport	4	WT	English
1B0M109	Informatics 1	distribution technologies and services	3	QMEI	English
1B0M101	Mathematics 1	distribution technologies and services	7	QMEI	English
1B0S103	Management of Enterprise	distribution technologies and services	5	C	English
1B0M201	Statistical Analysis	distribution technologies and services	4	QMEI	English
1B0S203	Human Resources Management	distribution technologies and services	5	C	English
1B0S204	Algorithmization and Basics of Programming	distribution technologies and services	5	C	English
1B0S205	Public Governance	distribution technologies and services	5	C	English
1B0Z201	Environmental and Safety Management	distribution technologies and services	4	RT	English
1B0S303	Telematic Services	distribution technologies and services	7	C	English
1B0S304	Economic Statistics	distribution technologies and services	5	C	English
1B0S306	Information Systems Security Management	distribution technologies and services	5	C	English
1B0Z102	Transport Geography	distribution technologies and services	5	RT	English

1B0E102	Communication Techniques	distribution technologies and services	6	E	English
1B0C103	Transport Services and Logistics	forwarding and logistics	6	RUT	English
1B0C201	Social and Labour Law	forwarding and logistics	6	RUT	English
1B0C202	Storage and Material Handling	forwarding and logistics	5	RUT	English
1B0Z201	Environmental and Safety Management	forwarding and logistics	4	RT	English
1B0C307	Road Freight Transport Technology	forwarding and logistics	5	RUT	English
1B0C309	Multimodal Transport	forwarding and logistics	6	RUT	English
1B0V305	Inland Water Transport	forwarding and logistics	4	WT	English
1B0M109	Informatics 1	forwarding and logistics	3	QMEI	English
1B0M101	Mathematics 1	forwarding and logistics	7	QMEI	English
1B0M102	Informatics	transport services in personal transport	3	QMEI	English
1B0M101	Mathematics 1	transport services in personal transport	7	QMEI	English
1B0Z102	Transport Geography	transport services in personal transport	5	RT	English
1B0Z201	Environmental and Safety Management	transport services in personal transport	4	RT	English
1B0C201	Social and Labour Law	transport services in personal transport	6	RUT	English
1B0S204	Algorithmization and Basics of Programming	transport services in personal transport	5	C	English
1B0E105	Macroeconomics	economics and management of enterprise	7	E	English
1B0M109	Informatics 1	economics and management of enterprise	3	QMEI	English
1B0M101	Mathematics 1	economics and management of enterprise	7	QMEI	English
1B0E104	Psychology for Managers	economics and management of enterprise	3	E	English
1B0E201	Business Finance	economics and management of enterprise	8	E	English
1B0E202	Business Management	economics and management of enterprise	7	E	English
1B0E302	Calculations and Budgets	economics and management of enterprise	6	E	English
1B0E308	Financial Markets and Stocks	economics and management of enterprise	4	E	English
1B0E104	Psychology for Managers	financial management	3	E	English
1B0E105	Macroeconomics	financial management	7	E	English
1B0M109	Informatics 1	financial management	3	QMEI	English
1B0M101	Mathematics 1	financial management	7	QMEI	English
1B0E201	Business Finance	financial management	8	E	English
1B0E202	Business Management	financial management	7	E	English
1B0M201	Statistical Analysis	financial management	4	QMEI	English
1B0E309	Debt Financing	financial management	7	E	English
1B0E308	Financial Markets and Stocks	financial management	4	E	English
1B0M109	Informatics 1	e-business and management	3	QMEI	English
1B0M101	Mathematics 1	e-business and management	7	QMEI	English
1B0M201	Statistical Analysis	e-business and management	4	QMEI	English
1B0S312	Public Governance	e-business and management	3	C	English
1B0S308	E - Commerce	e-business and management	5	C	English
8SJZŠ	Slovak language course	Languages	3	ÚCV	English
1B0P203	English in Aviation 1	Languages	3	ÚCV	English
1B0P103	English Language 1 (for Transport Study Programmes)	Languages	3	ÚCV	English
1B0P208	English Language 1 (for Economic Study Programmes)	Languages	2	ÚCV	English

Summer Semester					
Code	Course Title	Study programme	ECTS	Department	Language
1B0Z151	Basics of Railway Transport	railway transport	6	RT	English
1B0Z351	Economics of Railway Transport	railway transport	7	RT	English
1B0M151	Mathematics 2	railway transport	7	QMEI	English
1B0M154	Informatics 2	railway transport	3	QMEI	English
1B0E151	Management and Marketing	road transport	5	E	English
1B0C152	Means of Transport in Road Transport	road transport	6	RUT	English
1B0C256	Transport Services by Public Transport	road transport	6	RUT	English
1B0C351	Forwarding	road transport	7	RUT	English
1B0M151	Mathematics 2	road transport	7	QMEI	English
1B0M154	Informatics 2	road transport	3	QMEI	English
1B0L152	Human Factor	air transport	5	AT	English
1B0L153	Meteorology	air transport	3	AT	English
1B0L151	Economics of Transport	air transport	5	AT	English
1B0L252	Flight Mechanics	air transport	5	AT	English
1B0L253	Air Navigation 1	air transport	5	AT	English
1B0L254	Aircraft Instruments 1	air transport	4	AT	English
1B0L255	Aircraft 1	air transport	5	AT	English
1B0L256	Aircraft Powerplant 1	air transport	4	AT	English
1B0L351	Organisation and Management of Civil Aviation	air transport	6	AT	English
1B0L352	Unmanned Aerial Vehicles Operation	air transport	6	AT	English
1B0L353	Safety Management	air transport	5	AT	English
1B0V151	Water Ways	water transport	6	WT	English
1B0V252	Water Transport Legislation	water transport	6	WT	English
1B0V353	Safety of Water Transport	water transport	5	WT	English
110V151	Sea Transport and Sea Containers	water transport	6	WT	English
1B0M151	Mathematics 2	distribution technologies and services	7	QMEI	English
1B0M154	Informatics 2	distribution technologies and services	3	QMEI	English
1B0S151	Information and its Transmission	distribution technologies and services	4	C	English
1B0S152	Business Economics	distribution technologies and services	5	C	English
1B0E251	Marketing	distribution technologies and services	6	E	English
1B0C152	Means of Transport in Road Transport	distribution technologies and services	6	RUT	English
1B0S254	Finance and Financial Management	distribution technologies and services	5	C	English
1B0S355	Internet of Things	distribution technologies and services	4	C	English
1B0C351	Forwarding	distribution technologies and services	7	RUT	English
1B0C153	Means of Transport in Road Transport	forwarding and logistics	5	RUT	English
1B0E153	Management and Marketing	forwarding and logistics	6	E	English
1B0L258	Business and Operational Activities in Air Transport	forwarding and logistics	5	AT	English
1B0L259	Economics of Transport	forwarding and logistics	5	AT	English
1B0C351	Forwarding	forwarding and logistics	7	RUT	English
1B0C352	Information Systems in Road Transport Companies and Forwarding	forwarding and logistics	7	RUT	English
1B0M151	Mathematics 2	forwarding and logistics	7	QMEI	English
1B0M154	Informatics 2	forwarding and logistics	3	QMEI	English
1B0M151	Mathematics 2	transport services in personal transport	7	QMEI	English
1B0L259	Economics of Transport	transport services in personal transport	5	AT	English
1B0M151	Mathematics 2	economics and management of enterprise	7	QMEI	English

1B0E156	Microeconomics	economics and management of enterprise	5	E	English
1B0E253	Marketing	economics and management of enterprise	7	E	English
1B0E355	Marketing Communication	economics and management of enterprise	4	E	English
1B0E156	Microeconomics	financial management	5	E	English
1B0M151	Mathematics 2	financial management	7	QMEI	English
1B0E253	Marketing	financial management	7	E	English
1B0M151	Mathematics 2	e-business and management	7	QMEI	English
1B0M154	Informatics 2	e-business and management	3	QMEI	English
1B0E251	Marketing	e-business and management	6	E	English
1B0S254	Finance and Financial Management	e-business and management	5	C	English
1B0S354	Business and Investment	e-business and management	7	C	English
8SJZŠ	Slovak language course	Languages	3	ÚCV	English
1B0P253	English in Aviation 2	Languages	3	ÚCV	English
1B0P158	English Language 2 (for Transport Study Programmes)	Languages	2	ÚCV	English
1B0P258	English Language 2 (for Economic Study Programmes)	Languages	2	ÚCV	English

## MSc. Degree

### Winter Semester

Code	Course Title	Study programme	ECTS	Department	Language
110Z101	International Rail Transport 1	railway transport	4	RT	English
110Z102	Controlling in Rail Transport 1	railway transport	7	RT	English
110Z103	Project Management in Transport	railway transport	5	RT	English
110Z202	Quality Management in Railway Transport	railway transport	5	RT	English
110Z205	Controlling in Rail Transport 2	railway transport	5	RT	English
110M101	Statistical analysis	road transport	4	QMEI	English
110C101	Business and Financial Management of the Company	road transport	6	RUT	English
110M102	Operational analysis 1	road transport	5	QMEI	English
110V201	Logistics	road transport	4	WT	English
110C203	Transport Planning and Sustainable Mobility	road transport	4	RUT	English
110C204	Freight Transport Technology	road transport	5	RUT	English
110C252	Road Vehicle Testing	road transport	6	RUT	English
110L102	Communication, Navigation, Surveillance	air transport	7	AT	English
110L103	Economics of Air Navigation Service Providers	air transport	6	AT	English
110L104	Planning and Operation in Air Transport Company	air transport	6	AT	English
110L105	Materials in Aviation	air transport	6	AT	English
110L106	Turbine Engine 1	air transport	6	AT	English
110L201	Airport Design and Operation 2	air transport	6	AT	English
110L202	Technical Aircraft Maintenance 1	air transport	5	AT	English
110L203	Air Traffic Management 2	air transport	6	AT	English
110L204	Airports Marketing	air transport	5	AT	English
110L205	Planning and Operation in Air Transport Company	air transport	5	AT	English
110L206	Basic Machine Parts	air transport	5	AT	English
110L207	Maintenance Procedures	air transport	6	AT	English
110L208	Air Propeller	air transport	5	AT	English



110S207	Managerial Economics	postal engineering	4	C	English
110V101	Logistics	postal engineering	4	WT	English
110M102	Operational Analysis 1	postal engineering	5	QMEI	English
110S107	E - Commerce	postal engineering	5	C	English
110C208	Quality Management	postal engineering	6	RUT	English
110Z109	Intermodal Transport	postal engineering	6	RT	English
110S203	Digital Marketing	postal engineering	5	C	English
110S208	Information Technology Applications	postal engineering	4	C	English
110S214	Systems Modelling	postal engineering	6	C	English
110E209	Labour Law	postal engineering	4	AT	English
110E107	Statistical Analysis for Managers	postal engineering	6	E	English
110S204	Multimedia	postal engineering	5	C	English
110M101	Statistical Analysis	forwarding and logistics	4	QMEI	English
110V101	Logistics	forwarding and logistics	4	WT	English
110C208	Quality Management	forwarding and logistics	6	RUT	English
110C204	Freight Transport Technology	forwarding and logistics	5	RUT	English
110S209	E - Commerce	forwarding and logistics	5	C	English
110M102	Operational Analysis 1	forwarding and logistics	5	QMEI	English
110E109	Investment Management	economics and management of enterprise	5	E	English
110E107	Statistical Analysis for Managers	economics and management of enterprise	6	E	English
110E110	Innovation Management	economics and management of enterprise	5	E	English
110E105	Organization of Managerial Work	economics and management of enterprise	5	E	English
110M102	Operational Analysis 1	economics and management of enterprise	5	E	English
110E205	Business and Property Valuation	economics and management of enterprise	5	E	English
110E107	Statistical Analysis for Managers	financial management	6	E	English
110E112	Costing and Budgets	financial management	6	E	English
110E109	Investment Management	financial management	5	E	English
110E205	Business and Property Valuation	financial management	5	E	English
110S215	International Accounting	financial management	5	C	English
110M102	Operational Analysis 1	financial management	5	QMEI	English
110S207	Managerial Economics	e-business and management	4	C	English
110V101	Logistics	e-business and management	4	WT	English
110E111	International Marketing	e-business and management	4	E	English
110S203	Digital Marketing	e-business and management	5	C	English
110S201	Tax and Audit	e-business and management	4	C	English
110S204	Multimedia	e-business and management	5	C	English
8SJZŠ	Slovak language course	Languages	3	ÚCV	English

#### Summer Semester

Code	Course Title	Study programme	ECTS	Department	Language
110Z151	Modeling of Transport and Transportation Processes 1	railway transport	6	RT	English
110Z152	Prices and Tariffs	railway transport	6	RT	English
110Z253	Strategic Management in Railway Transport	railway transport	4	RT	English
110Z254	Modeling of Transport and Transportation Processes 3	railway transport	4	RT	English
110C151	Economics of Road and Urban Transport	road transport	6	RUT	English
110C152	Diagnostics of Vehicle Electronic Systems	road transport	6	RUT	English
110C153	Modeling of Transport and Transportation Process	road transport	5	RUT	English
110C154	Integrated Transport Systems	road transport	5	RUT	English

1I0L153	Air Traffic Management 1	air transport	6	AT	English
1I0L154	Economics of Air Transport Companies	air transport	5	AT	English
1I0L155	Turbine Engine 2	air transport	6	AT	English
1I0L156	Construction of Aircrafts	air transport	5	AT	English
1I0L151	Airport Design and Operation 1	air transport	6	AT	English
1I0L152	Marketing of the Airlines and Aircraft Manufacturers	air transport	5	AT	English
1I0L251	Technical Aircraft Maintenance 2	air transport	4	AT	English
1I0L252	Law of Business and Personal Relations in Aviation	air transport	4	AT	English
1I0L101	Air Traffic Operation	air transport	4	AT	English
1I0L253	Airports Economics	air transport	3	AT	English
1I0S156	Budgeting, calculations and prices	postal engineering	5	C	English
1I0M151	Operational Analysis 2	postal engineering	5	QMEI	English
1I0L158	Transport Economics	postal engineering	5	AT	English
1I0C251	Transport of Dangerous Goods	postal engineering	5	RUT	English
1I0C156	Logistics Management and Systems	postal engineering	5	RUT	English
1I0C151	Economics of Road and Urban Transport	forwarding and logistics	6	RUT	English
1I0C156	Logistics Management and Systems	forwarding and logistics	5	RUT	English
1I0V151	Sea Transport and Sea Containers	forwarding and logistics	6	WT	English
1I0C251	Transport of Dangerous Goods	forwarding and logistics	5	RUT	English
1I0C255	Customs Procedures and Insurance	forwarding and logistics	6	RUT	English
1I0M151	Operational Analysis 2	forwarding and logistics	5	QMEI	English
1I0E152	Financial Management	economics and management of enterprise	7	E	English
1I0E153	Project Management	economics and management of enterprise	5	E	English
1I0E251	Financial Reporting and Controlling	economics and management of enterprise	6	E	English
1I0E252	Financial Risk Modelling	economics and management of enterprise	6	E	English
1I0E253	Marketing of Services	economics and management of enterprise	3	E	English
1I0E152	Financial Management	financial management	7	E	English
1I0E156	Business Value Management	financial management	5	E	English
1I0E251	Financial Reporting and Controlling	financial management	6	E	English
1I0E252	Financial Risk Modelling	financial management	6	E	English
1I0E157	Financial Models	financial management	5	E	English
1I0L158	Transport Economics	e-business and management	5	AT	English
8SJZŠ	Slovak language course	Languages	3	ÚCV	English

Departments:

RT – Department of Railway Transport

RUT – Department of Road and Urban Transport

WT– Department of Water Transport

QMEI – Department of Quantitative Methods and Economic Informatics

AT – Department of Air Transport

C – Department of Communications

E – Department of Economics

ÚCV – Institute of Lifelong Learning