### Recomended pass through the study plan

### Name of the pass: Master Part-Time LA from 2024/25

Faculty/Institute/Others:

Department:

Pass through the study plan: Master Part-Time LA from 2024/25 Branch of study guranteed by the department: Welcome page

Guarantor of the study branch:

Program of study: Logistics and Transport Processes Control

Type of study: Follow-up master combined

Note on the pass:

Coding of roles of courses and groups of courses:

P - compulsory courses of the program, PO - compulsory courses of the branch, Z - compulsory courses, S - compulsory elective courses, PV - compulsory elective courses, F - elective specialized courses, V - elective courses, T - physical training courses

Coding of ways of completion of courses (KZ/Z/ZK) and coding of semesters (Z/L):

KZ - graded assesment, Z - assesment, ZK - examination, L - summer semester, Z - winter semester

#### Number of semester: 1

Code	Name of the course / Name of the group of courses (in case of groups of courses the list of codes of their members) Tutors, authors and guarantors (gar.)	Completion	Credits	Scope	Semester	Role
14GISS	Geographical Information Systems Vit Fábera, František Kekula, Tomáš Janata, Zuzana Purkrábková Tomáš Janata Tomáš Janata (Gar.)	KZ	2	0P+2C+8B	Z	Z
15J2A1	Language - English 1  Jitka He manová, Peter Morpuss, Markéta Vojanová, Marie Michlová, Markéta  Musilová, Jan Feit, Eva Rezlerová Lenka Monková (Gar.)	Z	2	0P+2C+10B	Z	Z
11LIP2	Linear Programming 2 Pavla Pecherková, Ivan Nagy Pavla Pecherková Ivan Nagy (Gar.)	Z,ZK	3	2P+1C+10B	Z	Z
17LSC	Logistics in Smart Cities Tomáš Horák Tomáš Horák (Gar.)	Z,ZK	6	2P+2C+14B	Z	Z
17MADS	Management of Transport Systems Roman Št rba Roman Št rba (Gar.)	KZ	2	2P+0C+8B	Z	Z
17TSI	Technology of Road Transport Vít Janoš, Michal Drábek Michal Drábek (Gar.)	KZ	2	2P+0C+8B	Z	Z
17TZNK	Technology of Railway Transport Vít Janoš, Michal Drábek, Rudolf Vávra Vít Janoš (Gar.)	Z,ZK	5	12B	Z	Z
11TER	Game Theory and Optimal Decision-Making Magdalena Hykšová Magdalena Hykšová (Gar.)	ZK	2	2P+0C+8B	Z	Z
11TZOK	Inventory, Replacement and Scheduling Theory  Dušan Teichmann Dušan Teichmann	Z,ZK	4	10B	Z	Z
		Min. cours.				
	Jamulay May program of LA and 2020/24	4	Min/Max			
JZ-NP-LA-20/21	Jazyky Mgr. prezen ní LA od 2020/21 15J2F1,15J2I1, (see the list of groups below)	Max. cours.	8/8			J
		4				

#### Number of semester: 2

Code	Name of the course / Name of the group of courses (in case of groups of courses the list of codes of their members) Tutors, authors and guarantors (gar.)	Completion	Credits	Scope	Semester	Role
14BIG	Big Data	KZ	2	0P+2C+8B	L	Z
17DOCH	Travel Behavior	KZ	3	3P+0C+10B	L	Z
15JBA2	Language - English 2 Lenka Monková (Gar.)	Z	2	0P+2C+10B	L	Z
11KMDK	Quantitative Methods in Transport	Z,ZK	7	14B	L	Z
17MID	Managerial Information Systems in Transport	Z,ZK	3	2P+1C+10B	L	Z
17RKOP	Management of commercial projects in transport Petra Skolilová	Z,ZK	3	2P+1C+10B	L	Z
14TEL	Telecommunications	KZ	3	2P+1C+10B	L	Z

11THRO	Queuing Theory Šárka Vorá ová	ZK	2	2P+0C+8B	L	Z
JZ-NP-LA-20/21	Jazyky Mgr. prezen ní LA od 2020/21 15J2F1,15J2I1, (see the list of groups below)	Min. cours. 4 Max. cours. 4	Min/Max 8/8			J
Y2-NK-LA-24/25	PVP-B Mgr. kombinovaný LA od 2024/25 17W2AM,21W2CR, (see the list of groups below)	Min. cours. 3 Max. cours. 3	Min/Max 6/6			PV

## Number of semester: 3

Code	Name of the course / Name of the group of courses (in case of groups of courses the list of codes of their members) Tutors, authors and guarantors (gar.)	Completion	Credits	Scope	Semester	Role
17AMAK	Application of Marketing Tools in Transport Industry Petra Skolilová Petra Skolilová (Gar.)	KZ	2	10B	Z	Z
17DOPM	Transportation Planning and Modeling Milan K íž Milan K íž (Gar.)	Z,ZK	6	2P+2C	Z	Z
15JBA3	Language - English 3  Jitka He manová, Peter Morpuss, Markéta Vojanová, Marie Michlová, Markéta  Musilová, Jan Feit, Eva Rezlerová, Marek Tome ek Lenka Monková (Gar.)	Z	2	0P+2C+10B	Z	Z
17PPC	Carriage Processes Roman St rba Roman Št rba (Gar.)	ZK	3	2P+0C	Z	Z
17RVIP	Public Project Management in Transport Alexandra Dvo á ková, Daniel Pilát Alexandra Dvo á ková (Gar.)	Z,ZK	5	2P+2C+14B	Z	Z
11STS	Stochastic Systems Pavla Pecherková, Šárka Trs anová, Evženie Uglickich, Šárka Vorá ová, Natálie Blahitka, Michal Matowicki Pavla Pecherková Šárka Vorá ová (Gar.)	Z,ZK	4	2P+2C+14B	Z	Z
		Min. cours.				
17 ND 1 A 00/04	Jazyky Mgr. prezen ní LA od 2020/21 15J2F1,15J2I1, (see the list of groups below)	4	Min/Max			
JZ-NP-LA-20/21		Max. cours.	8/8			J
		4				
		Min. cours.				
VO NIK I A 04/05	PVP-B Mgr. kombinovaný LA od 2024/25	3	Min/Max			
Y2-NK-LA-24/25	17W2AM,21W2CR, (see the list of groups below)	Max. cours.	6/6			PV
		3				

# Number of semester: 4

Code	Name of the course / Name of the group of courses (in case of groups of courses the list of codes of their members) Tutors, authors and guarantors (gar.)	Completion	Credits	Scope	Semester	Role
15JBA4	Language - English 4 Jitka He manová, Peter Morpuss, Markéta Vojanová, Marie Michlová, Markéta Musilová, Jan Feit, Eva Rezlerová, Lenka Monková, Dana Boušová, Lenka Monková (Gar.)	ZK	2	0P+2C+10B	L	Z
		Min. cours.				
VD NIZ I A 05/00	DP Mgr. kombinovaná LA od 2025/26 11XNDM,12XNDM, (see the list of groups below)	1	Min/Max			_
XD-NK-LA-25/26		Max. cours.	18/18			Z
		1				
		Min. cours.				
VO NIK I A 05/00	Seminá k DP Mgr. kombinovaná LA od 2025/26	1	Min/Max			
XS-NK-LA-25/26	11XN4K,12XN4K, (see the list of groups below)	Max. cours.	8/8			Z
		1				
		Min. cours.				
17 ND 1 A 00/04	Jazyky Mgr. prezen ní LA od 2020/21	4	Min/Max			
JZ-NP-LA-20/21	15J2F1,15J2I1, (see the list of groups below)	Max. cours.	8/8			J
		4				

## List of groups of courses of this pass with the complete content of members of individual groups

Kód		Name of the group of group (for specificat	of courses a ion see here	nd codes of members of this or below the list of courses)	Com	pletion	Credits	Scope	Semester	Role
					Min.	cours.				
17 110 1	1 00/04				4	Min/Ma	ĸ			
JZ-NP-L	.A-20/21	Jazyky N	lgr. prezen	ní LA od 2020/21	Max. cours. 8/8		,			
						4				
15J2F1	Language	- French 1	15J2I1	Language - Italian 1		15J2N1	L	<u> </u>	l l erman 1	
5J2R1		- Russian 1	15J2S1	Language - Spanish 1		15JBF2		anguage - Fr		
5JBI2	Language	- Italian 2	15JBN2	Language - German 2		15JBR2	L	anguage - R	ussian 2	
5JBS2	Language	- Spanish 2	15JBF3	Language - French 3		15JBI3	L	anguage - Ita	alian 3	
5JBN3	Language	- German 3	15JBR3	Language - Russian 3		15JBS3	L	anguage - Si	panish 3	
5JBF4	Language		15JBI4	Language - Italian 4		15JBN4	L	anguage - G	erman 4	
5JBR4	Language	- Russian 4	15JBS4	Language - Spanish 4						
				1	Min.	cours.				
						1	Min/Ma	,		
XD-NK-I	_A-25/26	DP Mgr.	kombinovan	á LA od 2025/26		•		`		Z
						. cours.	18/18			
						1				
1XNDM	Master The	esis for study programm	12XNDM	Master Thesis for study programm	·	14XNDN	NDM Master Thesis for study		for study prog	ramm
5XNDM	Master The	esis for study programm	16XNDM	Master Thesis for study programm		17XNDN	Master Thesis for study progra		ramm	
8XNDM	Master The	esis for study programm	20XNDM	Master Thesis for study programm		21XNDN	1 N	Master Thesis for study program		ramm
2XNDM	Master The	esis for study programm		•						
					Min.	cours.				
						1	Min/Max			
XS-NK-I	_A-25/26	Seminá k DP	Mgr. kombir	novaná LA od 2025/26						Z
					wax.	. cours.	8/8			
						1				
1XN4K	Seminar fo	or Diploma Thesis	12XN4K	Seminar for Diploma Thesis		14XN4K	s	eminar for D	iploma Thesis	
5XN4K	Seminar fo	or Diploma Thesis	22XN4K	Seminar for Diploma Thesis		17XN4K	S	eminar for D	iploma Thesis	
8XN4K	Seminar fo	or Diploma Thesis	20XN4K	Seminar for Diploma Thesis		21XN4K	S	eminar for D	iploma Thesis	
6XN4K	Seminar fo	or Diploma Thesis		•						
			•		Min.	cours.				
						3	Min/Ma			
Y2-NK-L	A-24/25	PVP-R Ma	r kombinov:	aný LA od 2024/25		3	wiin/wa	K		PV
		i vi b mg		,	Max.	. cours.	6/6			. •
						3				
7W2AM	Application	n of Marketing Tools i	21W2CR	CRM		17W2FM	1 F	inancing in U	Jrban Mass Tra	nspor
1W2FM		ompany Financial Manag	15W2HS	Road Transport History		14W2KI			ment in Transp	
5W2MS		for Managers	21W2MK	Marketing of Air Transport		15W2OZ		•	tion in Transpo	
		ansportation	21W2PP			15/1/200	W2SR Stylistics and Rhetoric			
5W2PT	F000 III II a	ansportation	Z I W Z P P	Law and Operation in Air Transpo .		12007	. 10	tylistics and	KITELUTICS	

## List of courses of this pass:

Code	Name of the course	Completion	Credits				
11KMDK	Quantitative Methods in Transport	Z,ZK	7				
The course focuses	The course focuses on the issue of the use of undirected graphs tree type, planar graphs and their coloring. Further distribution problems, facility location problems are formulated a						
solved such as mo	odels of integer linear programming. Besides the use of exact methods there are described simple and also more sofisticated heuristi	cs (metaheuristics	) methods.				
11LIP2	Linear Programming 2	Z,ZK	3				
Formulation of the t	ask of integer programming, branch and bound method of numerical solution, problems about knapsack, travelling salesman, sets, loc	ation of stores and	post boxes,				
	tasks of scheduling, heuristics, metaheuristics - genetic algorithms, ant colony optimization.						
11STS	Stochastic Systems	Z,ZK	4				
The subject deals	s with the problems of mathematical modelling of dynamical systems, estimation od these models and their utilization for prediction.	he results are illus	strated on				
practical tra	nsportation tasks. Mathematical theory roots from probability and mathematical statistics and they use the methods of the Bayesian	probabilistic appro	ach.				
11TER	Game Theory and Optimal Decision-Making	ZK	2				
Decision-making th	Decision-making theory, utility theory. Explicit form games, backward induction. Normal form games. Antagonistic conflict, matrix games. Repeated games, evolutionary game theory.						
Cooperative game	Cooperative games without transferable payoffs. Cooperative games with transferable payoffs (imputation, core, Shapley value, nucleolus). Applications of game theory above all in						
	economics and transportation.						

11THRO	Queuing Theory	ZK	2
•	ess, definition, random distribution, and probability. Basic processes, process of revitalisation. Markov process, Markov models, Kenda Is M/M/n. Non-markovian models, model M/C/n, models G/G/n. Models with continuous flow. Service net, examples of Petri net. Com		odel M/M/1,
11TZOK	Inventory, Replacement and Scheduling Theory	Z,ZK	4
	- introduction, static models, deterministic dynamic models, stochastic dynamic models. Replacement theory - introduction, models for		
deteriorate with time	e, models for replacement of items that fail completely. Scheduling theory - introduction, single machine scheduling problems, parallel flow shop scheduling problems and job shop scheduling problems.	machine schedulin	g problems,
11XN4K	Seminar for Diploma Thesis	Z	8
11XNDM	Master Thesis for study programme LA	Z	18
12XN4K	Seminar for Diploma Thesis	Z	8
12XNDM	Master Thesis for study programme LA	Z	18
14BIG	Big Data	KZ	2
	duce. Basic Principles of Big Data Management. Comparison and Classification of NoSQL Databases. Key Database Value Database.		
Databases, Graph i	Databases-Basic Principles. Graph Databases-Advanced Aspects. Indexing. Interpretation. Advanced Principles Big Data Manageme computing. Data warehouses and Big Data. Cloud computing. Data warehouses and Big Data. Other Big Data issues.	ini. NewsQL Datat	base. Cloud
14GISS	Geographical Information Systems	KZ	2
Construction	n of saving format of space-oriented information land-survey and cartography minimum basic tasks of spatial operations principles of	territorial identifica	ation
14TEL	Telecommunications	KZ	3
•	ew trends in telecommunications systems. Economical and legal aspects of telecommunications networks design and telecommunic antification of hlererchical telecommunications networks and telecommunication services performance based on addopted performance p	-	- 1
identification and qu	services typically applied within transport and specifically logistic solutions.	diameters, telecon	IIIIuiiicalion
14W2KI	Capital Investment in Transportation and Telecommunications	KZ	3
	Financial market, investment desicion making - long term goals and investment strategies, long term financing	<u>'</u>	
14XN4K	Seminar for Diploma Thesis	Z	8
14XNDM	Master Thesis for study programme LA	Z	18
15J2A1	Language - English 1 resentation Skills - expert technical discourse and style; Analysis of expert texts and their production; Preparation for overseas work or	Z	2
15J2F1	Language - French 1	Z	2
	tures and Style. Selection of conversation topics relating to transportation sciences. Developing perceptive and communicative skills,	-	
technical text conte	ent, structuring presentations and meeting minutes, elementary rhetorics of foreign language and practical application, formal and tec	hnical registers an	d their use,
45 1014	language of management.	7	
15J2I1	Language - Italian 1 tures and Style. Selection of conversation topics relating to transportation sciences. Developing perceptive and communicative skills,	Feedback skills su	2 Immarising
	ent, structuring presentations and meeting minutes, elementary rhetorics of foreign language and practical application, formal and tec		- 1
	language of management.		
15J2N1	Language - German 1	Z	2
	tures and Style. Selection of conversation topics relating to transportation sciences. Developing perceptive and communicative skills, ent, structuring presentations and meeting minutes, elementary rhetorics of foreign language and practical application, formal and tec		١
	language of management.	3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3	,
15J2R1	Language - Russian 1	Z	2
	tures and Style. Selection of conversation topics relating to transportation sciences. Developing perceptive and communicative skills, ent, structuring presentations and meeting minutes, elementary rhetorics of foreign language and practical application, formal and tec		- 1
technical text conte	language of management.	illical registers ari	iu irieli use,
15J2S1	Language - Spanish 1	Z	2
	tures and Style. Selection of conversation topics relating to transportation sciences. Developing perceptive and communicative skills,		- 1
technical text conte	ent, structuring presentations and meeting minutes, elementary rhetorics of foreign language and practical application, formal and tec language of management.	hnical registers an	d their use,
15JBA2	Language - English 2	Z	2
	resentation Skills - expert technical discourse and style; Analysis of expert texts and their production; Preparation for overseas work of		-
15JBA3	Language - English 3	Z	2
Presentation Skills	s - expert technical discourse and style; Analysis of expert texts and their production; Preparation for overseas work engagement.Op	tional courses for c	certificates
15JBA4	FCE, CAE.  Language - English 4	ZK	2
l l	s - expert technical discourse and style; Analysis of expert texts and their production; Preparation for overseas work engagement.Op		
	FCE, CAE.		
15JBF2	Language - French 2	Z	2
	tures and Style. Selection of conversation topics relating to transportation sciences. Developing perceptive and communicative skills,		- 1
tooninoal text conte	ent, structuring presentations and meeting minutes, elementary rhetorics of foreign language and practical application, formal and tec language of management.	annoai registers ari	ia ii ieli use,
15JBF3	Language - French 3	Z	2
	stics. Selection of conversation and professional topics based on the language level and study focus at the Faculty. Improvement of la		- 1
and perceptive and	d communicative skills, vocabulary development. Basic stylistic forms. Presentation of own knowledge in oral and written form. Work v	with (professional)	text and its
15JBF4	features. Practice of oral and written presentation.  Language - French 4	ZK	2
	stics. Selection of conversation and professional topics based on the language level and study focus at the Faculty. Improvement of k		
and perceptive and	d communicative skills, vocabulary development. Basic stylistic forms. Presentation of own knowledge in oral and written form. Work	with (professional)	text and its
	features. Practice of oral and written presentation		I

15JBI2	Language Italian 2	フ	2
Prammatical Ctructu	Language - Italian 2  res and Style. Selection of conversation topics relating to transportation sciences. Developing perceptive and communicative skills,	Z feedback skills si	2
	t, structuring presentations and meeting minutes, elementary rhetorics of foreign language and practical application, formal and tec		-
orimodi toxt ooritori	language of management.	inioai rogiotoro ai	ia trion doc
15JBI3	Language - Italian 3	Z	2
	ics. Selection of conversation and professional topics based on the language level and study focus at the Faculty. Improvement of R	_	
•	communicative skills, vocabulary development. Basic stylistic forms. Presentation of own knowledge in oral and written form. Work v		ū
	features. Practice of oral and written presentation.		
15JBI4	Language - Italian 4	ZK	2
Grammar and stylist	ics. Selection of conversation and professional topics based on the language level and study focus at the Faculty. Improvement of killings and study focus at the Faculty.	anguage structure	knowledge
nd perceptive and	communicative skills, vocabulary development. Basic stylistic forms. Presentation of own knowledge in oral and written form. Work v	with (professional)	text and its
	features. Practice of oral and written presentation.		
15JBN2	Language - German 2	Z	2
	res and Style. Selection of conversation topics relating to transportation sciences. Developing perceptive and communicative skills,		
echnical text conten	t, structuring presentations and meeting minutes, elementary rhetorics of foreign language and practical application, formal and tec	chnical registers ar	nd their us
45 IDNO	language of management.	Z	
15JBN3	Language - German 3 ics. Selection of conversation and professional topics based on the language level and study focus at the Faculty. Improvement of la	_	2
' <del>-</del>	communicative skills, vocabulary development. Basic stylistic forms. Presentation of own knowledge in oral and written form. Work v		_
na perceptive and t	features. Practice of oral and written presentation.	with (professionar)	toxt and it
15JBN4	Language - German 4	ZK	2
	ics. Selection of conversation and professional topics based on the language level and study focus at the Faculty. Improvement of la		_
•	communicative skills, vocabulary development. Basic stylistic forms. Presentation of own knowledge in oral and written form. Work v		•
	features. Practice of oral and written presentation.		
15JBR2	Language - Russian 2	Z	2
Grammatical Structu	ires and Style. Selection of conversation topics relating to transportation sciences. Developing perceptive and communicative skills,	feedback skills, s	ummarisin
echnical text content	t, structuring presentations and meeting minutes, elementary rhetorics of foreign language and practical application, formal and tec	chnical registers ar	nd their use
	language of management.		
15JBR3	Language - Russian 3	Z	2
' <del>-</del>	ics. Selection of conversation and professional topics based on the language level and study focus at the Faculty. Improvement of language level and study focus at the Faculty.		_
nd perceptive and o	communicative skills, vocabulary development. Basic stylistic forms. Presentation of own knowledge in oral and written form. Work v	with (professional)	text and it
45 IDD4	features. Practice of oral and written presentation.	71/	
15JBR4	Language - Russian 4	ZK	2
	ics. Selection of conversation and professional topics based on the language level and study focus at the Faculty. Improvement of la communicative skills, vocabulary development. Basic stylistic forms. Presentation of own knowledge in oral and written form. Work v		_
and perceptive and t	features. Practice of oral and written presentation.	with (professional)	text and it.
15JBS2	Language - Spanish 2	Z	2
	res and Style. Selection of conversation topics relating to transportation sciences. Developing perceptive and communicative skills,	_	_
	t, structuring presentations and meeting minutes, elementary rhetorics of foreign language and practical application, formal and tec		
		chnical registers ar	na tneir use
	language of management.	chnical registers ar	na their use
15JBS3		chnical registers ar	a their us
	language of management.	Z	2
Grammar and stylist	language of management.  Language - Spanish 3  ics. Selection of conversation and professional topics based on the language level and study focus at the Faculty. Improvement of lacommunicative skills, vocabulary development. Basic stylistic forms. Presentation of own knowledge in oral and written form. Work was a supplement.	Z anguage structure	2 knowledg
Grammar and stylist and perceptive and o	language of management.  Language - Spanish 3  ics. Selection of conversation and professional topics based on the language level and study focus at the Faculty. Improvement of lacommunicative skills, vocabulary development. Basic stylistic forms. Presentation of own knowledge in oral and written form. Work vocabulary development. Basic stylistic forms and written presentation.	Z anguage structure with (professional)	2 knowledge text and its
Grammar and stylist and perceptive and o	language of management.  Language - Spanish 3  ics. Selection of conversation and professional topics based on the language level and study focus at the Faculty. Improvement of lacommunicative skills, vocabulary development. Basic stylistic forms. Presentation of own knowledge in oral and written form. Work vocabulary development. Basic stylistic forms and written presentation.  Language - Spanish 4	Z anguage structure with (professional)	2 knowledge text and its
Grammar and stylist and or stylist and or stylist and or stylist and or stylist and stylist and stylist and stylist	language of management.  Language - Spanish 3  ics. Selection of conversation and professional topics based on the language level and study focus at the Faculty. Improvement of lacommunicative skills, vocabulary development. Basic stylistic forms. Presentation of own knowledge in oral and written form. Work vocabulary development. Basic stylistic forms are presentation of own knowledge in oral and written form. Work vocabulary development. Practice of oral and written presentation.  Language - Spanish 4  ics. Selection of conversation and professional topics based on the language level and study focus at the Faculty. Improvement of language level and study focus at the Faculty.	Z anguage structure with (professional)  ZK anguage structure	2 knowledge text and it
Grammar and stylist and perceptive and of the stylist and the stylist and styl	language of management.  Language - Spanish 3  ics. Selection of conversation and professional topics based on the language level and study focus at the Faculty. Improvement of lacommunicative skills, vocabulary development. Basic stylistic forms. Presentation of own knowledge in oral and written form. Work of features. Practice of oral and written presentation.  Language - Spanish 4  ics. Selection of conversation and professional topics based on the language level and study focus at the Faculty. Improvement of lacommunicative skills, vocabulary development. Basic stylistic forms. Presentation of own knowledge in oral and written form. Work of the language level and study focus at the Faculty.	Z anguage structure with (professional)  ZK anguage structure	2 knowledg text and it
Grammar and stylist and or stylist and or stylist and or stylist and perceptive and or stylist and perceptive and or stylist and perceptive and or stylist and stylist and stylist and stylist and stylist and stylist and s	language of management.  Language - Spanish 3  ics. Selection of conversation and professional topics based on the language level and study focus at the Faculty. Improvement of lacommunicative skills, vocabulary development. Basic stylistic forms. Presentation of own knowledge in oral and written form. Work of features. Practice of oral and written presentation.  Language - Spanish 4  ics. Selection of conversation and professional topics based on the language level and study focus at the Faculty. Improvement of lacommunicative skills, vocabulary development. Basic stylistic forms. Presentation of own knowledge in oral and written form. Work of features. Practice of oral and written presentation.	Z anguage structure with (professional)  ZK anguage structure with (professional)	2 knowledg text and it 2 knowledg text and it
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17AMAK	Application of Marketing Tools in Transport Industry	KZ	2
	plans. Implementation of marketing campaigns. Branding and brand promotion. Multimedia presentations. Direct marketing and relate	_	
17DOCH	Travel Behavior	KZ	3
_	usal effects in travel behavior research (quasi-experimental and experimental approaches). Data collection (theory of measurement; on travers and interpretation of data (advanced regression models; issues of analysis and interpretation of results: effect size, practic	-	
and data concentri	Analysis and interpretation of data (duraneous regression models, issues of analysis and interpretation of data (activities of data).	oai vo. statisticai si	griiioarioo).
17DOPM	Transportation Planning and Modeling	Z,ZK	6
	ols used within four step model (trip generation, trip distribution, mode choice and trip distribution). Mobility and availability in urban a	,	w trends for
	transportation planning and modelling.		
17LSC	Logistics in Smart Cities	Z,ZK	6
	es in time, city and region, mobility of city residents and movement of goods, sustainability as a concept, Smart Cities, city as a system		
of life, individual qua	ality of life, city "smartness" assessment, legislation in Smart Cities, Smart Cities transformation, last mile logistics, e-commerce, new appropriate the commerce of the com	oproaches in last m	ile logistics,
.=	last mile logisitcs in cities and in regions.		
17MADS	Management of Transport Systems	KZ KZ	2
471410	Functions, processes and systems of management in transport, organisational structures, strategy, social responsibility, soft s		
17MID	Managerial Information Systems in Transport	Z,ZK	3
	n building IS of modern transport company. New EU legislation on cyber security and data protection puts transport organizations in t the security of IS and possible sources of danger. The practical part deals with the process of building a new IS from the idea through		- 1
Course rocuses on t	budget, the basic documents for the possible assignment of the contract.	the timetable and	ario iiriariolar
17PPC	Carriage Processes	ZK	3
''''	Domestic carriages, international carriages, nomenclature of goods, pricing, contracting, responsibility for damages.	211	
17RKOP	Management of commercial projects in transport	Z.ZK	3
	customer, activities, output - quality, time, money), project surroundings, location of the project (area analysis, traffic flows, authorizati	,	
structure of the proj	ject, sources of financing, customer-supplier relations, feasibility studies, sensitivity and multi-criteria analysis, financial and value an	alysis, manageme	nt of project
	changes.		
17RVIP	Public Project Management in Transport	Z,ZK	5
Basic concepts of p	roject management in the public sector, used procedures and standards of project management, organizational structure in project management.	-	ublic sector,
	project and pre-project preparation in transport and transport infrastructure and their specifics, feasibility study and CBA, project ev		
17TSI	Technology of Road Transport	KZ	2
	ational, technical, logistic and safety conditions of road transport, basic transport technologies, special transport, international agree	•	
parameters and sp	pecialization of transport, handling and loading/unloading means, maintenance, service and repairs of road vehicles, safety of road transport unit.	ansport and choice	e of optimai
17TZNK	Technology of Railway Transport	Z,ZK	5
	rectificacy of Ranway Transport assesment, model operational situation with a system running time between IPT-nodes, calculation of traction energy savings comp	,	_
1	peting crossing station, solving of capacity problem and blocking time in relation to train protection system, robustness of timetable, sy		
	paths, guidelines for centralised operational traffic control and management.	,	3
17W2AM	Application of Marketing Tools in Transportation	KZ	3
Application of n	narketing principles in transport issues, marketing tools suitable for transport, case studies of the use of marketing in the sphere of p	ublic passenger tra	ansport.
17W2FM	Financing in Urban Mass Transportation	KZ	3
_	evelopment in Prague and other cities in the world. Building and operation of public tram, bus, and trolleybus networks. Underground		
UMT types. UMT of	development in small towns. Particularities of investment and operation financing of individual UMT types. Historic and present model	s of UMT financing	g. Transport
	inspection and blind passengers. Tourism & Dut. UMT. UMT typology & Dut. Choice of optimum financing.		
17XN4K	Seminar for Diploma Thesis	Z	8
17XNDM	Master Thesis for study programme LA	Z	18
18XN4K	Seminar for Diploma Thesis	Z	8
18XNDM	Master Thesis for study programme LA	Z	18
20XN4K	Seminar for Diploma Thesis	Z	8
20XNDM	Master Thesis for study programme LA	Z	18
21W2CR	CRM	KZ	3
	M. Analysis of air accidents. Human factor. Error. Historical development of CRM. Health and fitness. Stress and its effect on the human		
Vigilance. I	nformation Processing. Situational Awareness. Workload Management. Decision Making. Communication. Leadership & Decision Making. Communication & Decision &	ehaviour. Automat	ion.
21W2FM	Aviation Company Financial Management	KZ	3
Theories of corp	orate finance - financial statements, budget, forecast. Financial policy of the company. Financial resources - long-term financial resources	rces, depreciation	, retained
0.414/01/4/	earnings, shares, bonds, loans, leasing, capital. Financial and economic analysis of the company - structure and content.		
21W2MK	Marketing of Air Transport	KZ	3
eiiiiiiion, purpose,	, evolution, stages and types of marketing. Marketing in air transportation. Marketing research. Market segmentation. Airlines marketin Yield management and revenues. Air transport market sales.	ig strategies. Airlin	ie Mioducts.
21W2PP		KZ	3
	Law and Operation in Air Transport ation law. International conventions on civil aviation. International organisations and including of the Czech Republic in these organis		
	on of state administration and state supervision in matters of civil aviation, in accordance with Act No. 49/1997 Col. Facilitation. Respi	_	
	passengers, luggage and cargo. The safe transport of dangerous goods.		
21XN4K	Seminar for Diploma Thesis	Z	8
21XNDM	Master Thesis for study programme LA	Z	18
22XN4K	Seminar for Diploma Thesis	Z	8
22XNDM	Master Thesis for study programme LA	Z	18
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