STUDY PLAN, MSc Level
Field of study: Transport - common courses

lp	Course title		the number of hours						separation program for semester classes																	
									sem. I						II						III					
									15 weeks						15 weeks						15 weeks					
									the number of hours per week																	
			total	L	C	Lab	P	S	Le	C	Lab	P	S	ECTS	Le	C	Lab	P	S	ECTS	Le	C	Lab	P	S	ECTS
		MK2e																								
1	Applied Mechanics	1	45	15	30				1 E	2				5												
2	Eco-philosophy and Sozology	2	30	30					2					2												
3	Foreign language	3	60		60					2				2		2				2						
4	Social communication	4	30	30					2					3												
5	Modern Systems for Maintaining Means of Transport	5	30	15			15		1 E			1		3												
6	Simulation Research in Technical	6	45	30			15		1			1		2	1					2						
7	Methodology of Scientific Research	7																								
8	Modelling of Transport Processes	8	30	30					2					2												
9	Modelling of Transport Systems	9	15			15					1			2												
10	Control and Management in Transport Systems	10	45	15			30		1 E			2		4												
11	Theory of Reliability and Safety	11	30	30					2					2												
12	Reliability of Elements and Systems	12	15		15					1				2												
13	Interdisciplinary Group Project	13	30		30					2				1												
	A. Common courses		405	195	135	15	60																			
	B. Speciality courses		**555**																							
		Total A+B	**960**						**12**	**7**	**1**	**4**		**30**	**1**	**2**				**4**						
E - exam								h/week	**24**						**3**											
								n. exam	**3**																	

Decission of Faculty Council 12.04.2018
valid from 01.10.2018

STUDY PLAN, MSc Level

Field of study: Transport - speciality courses
Specialty: Transport safety systems

lp	Course title		the number of hours						separation program for semester classes																	
									sem. I						II						III					
									15 weeks						15 weeks						15 weeks					
									the number of hours per week																	
			total	lectures	classes	lab	project	seminar	W	C	L	P	S	ECTS	W	C	L	P	S	ECTS	W	C	L	P	S	ECTS
				L	C	Lab	P	S																		
	A. Common courses		405	195	135	15	60		12	7	1	4		30	1		2				4						
	B. Speciality courses	MK2e																								
1	Degradation and decohesion of materials	12	30	15		15									1		1				2					
2	Diploma Seminar	13	30					30																	2	2
3	Diploma thesis	14																								10
4	Human factor in transport	15	30	15	15																	1 E	1			3
5	Integrated Safety Management System	16	30	15			15															1 E			1	3
6	Inteligent Transport Systems	17	45	15	15		15								1 E		1		1		4					
7	Mathematical Models in Transport Safety	18	30	15	15										1		1				2					
8	Optimization Methods in Transport Engineering	19	30	15	15										1		1				2					
10	Process management for the risk and safety control	20	30	15			15															1			1	3
11	Professional training	21																								2
12	RAMS analisys	22	30		15		15										1		1		3					
13	Research on safety and comfort of means of transport	23	30	15			15								1 E				1		2					
14	Safety and reliability of means of transport	24	30	15			15															1			1	2
15	Safety in Logistics	25	30	15	15										1		1				2					
16	Structural Healt Monitoring System	26	30		15	15																	1	1		3
17	Theory and practise of risk analysis	27	30	15			15								1 E				1		3					
18	Theory of Reliability and Safety	28	30	15	15										1		1				2					
19	Transport noise and vibration	29	30	15		15																1		1		2
20	Transport Safety Management System	30	30	15			15								1				1		2					
21	Vechicle Safety Systems	31	30	15		15									1		1				2					
	Total block B		555	225	120	60	120	30																		
		Total A+B	960	420	255	75	180	30	**12**	**7**	**1**	**4**		**30**	**11**	**8**	**2**	**5**		**30**	**5**	**2**	**2**	**3**	**2**	**30**
E - exam								h/week	**24**						**26**						**14**					
								n. exam							**3**						**2**					

Decission of Faculty Council 12.04.2018
valid from 01.10.2018