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					
			total	lectures	classes	lab	project	seminar	15 weeks						15 weeks						15 weeks					
									the number of hours per week																	
				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	3,3a	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**																	
valid from 01.10.2019																										

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	14	30	15		15									1		1			2										
2	Diploma Seminar	15	30					30																		2	2			
3	Diploma thesis	16																												10
4	Human factor in transport	17	30	15	15																1 E	1								3
5	Integrated Safety Management System	18	30	15			15														1 E			1						3
6	Inteligent Transport Systems	19	45	15	15		15								1 E	1		1		4										
7	Mathematical Models in Transport Safety	20	30	15	15										1	1				2										
8	Optimization Methods in Transport Engineering	21	30	15	15										1	1				2										
9	Process management for the risk and safety control	22	30	15			15														1			1						3
11	RAMS analisys	23	30		15		15									1		1		3										
12	Research on safety and comfort of means of transport	24	30	15			15								1 E			1		2										
13	Safety and reliability of means of transport	25	30	15			15														1			1						3
14	Safety in Logistics	26	30	15	15										1	1				2										
15	Structural Healt Monitoring System	27	30		15	15																1	1							3
16	Theory and practise of risk analysis	28	30	15			15								1 E			1		3										
17	Theory of Reliability and Safety	29	30	15	15										1	1				2										
18	Transport noise and vibration	30	30	15		15															1		1							3
19	Transport Safety Management System	31	30	15			15								1			1		2										
20	Vechicle Safety Systems	32	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**									
valid from 01.10.2019																														