Subjects common for the course of study

Lp.	Subject	Number of teaching hours					Weekly number of teaching hours (one semester is completed within 15 weeks)														
		Total	in it:*)				Semester 1					Semester 2					Semester 3				
			W	C	L	P	W	C	L	P	pts.	W	C	L	P	pts.	W	C	L	P	pts.
1	Foreign Language	**30**		30														2			2
2	Selected Sections of Applied Mathematics I, II	**60**	30	30			1	1			2	1	1			2					
3	Methematic Methods in Transport	**45**	30	15			2 e	1			4										
4	Modelling of Transport Processes I	**30**	15	15			1	1			2										
5	Contemporary Physics	**45**	30	15								2 e	1			3					
6	Applied Mechanics	**30**	15	15			1 e	1			3										
7	Selected Sections Applied Informatics	**30**	15		15		1		1		2										
8	Teleinformatics Systems	**30**	15		15							1		1		2					
9	Theory of Reliability and Safety	**30**	15		15		1		1		3										
10	Control and Management in Transport	**45**	30	15								2 e	1			3					
11	Measurement Systems	**30**	15		15		1		1		3										
12	Semestral Project	**60**				60									4	5					
13	Elective humanistic-economic-social course I, II	**60**	60									2				3	2				2
14	Elective Subject I 1)	**30**	30														2 e				2
15	Elective Subject II 1)	**30**	30														2 e				2
16	Diploma Seminar	**30**		30														2			2
17	Master of Science Thesis	**45**				45														3	20
18	Diploma Training 2)															2					
Total number of teaching hours		**660**	**330**	**165**	**60**	**105**	**8**	**4**	**3**	**0**	**19**	**8**	**3**	**1**	**4**	**20**	**6**	**4**	**0**	**3**	**30**
			660				**15**					**16**					**13**				
Total ECTS points		**69**					**19**					**20**					**30**				
Number of exams		**6**					**2**					**2**					**2**				
Number of tests		**24**					**12**					**8**					**4**				

Comments:

*) W - lecture, C - exercises, L - laboratory, P - project

1) A set of elective courses for a given academic year is subject to acceptance by the Faculty Council

2) Two-week diploma practice is implemented after 2nd semester if the thesis topic requires it

Symbol: e - exam

It is valid from the education cycle started on 01.10.2017
Resolution no. 53/IX/2017 of the Faculty Council
of 20.04.2017 r.

Common subjects for specialization Transport systems engineering and management

Lp.	Subject	Number of teaching hours					Weekly number of teaching hours (one semester is completed within 15 weeks)														
		Total	in it:*)				Semester 1					Semester 2					Semester 3				
			W	C	L	P	W	C	L	P	pts.	W	C	L	P	pts.	W	C	L	P	pts.
1	Planning of transport systems	30	15			15	1			1	2										
2	Measurements and prediction of traffic and transport	30	15	15			1 e	1			2										
3	Urban and regional transport management	30	15			15						1			1	2					
4	Desingning multimodal transport nodes	30	15		15							1 e		1		3					
5	Computer-aided planning of transport	45	15		30							1		2		3					
6	Human factor in intelligent transportation systems	30	15		15							1 e		1		2					
7	Systems, vehicles and infrastructure of automated transport	30	15		15		1		1		2										
8	Environmental protection in transport	30	15			15	1			1	2										
9	Managing investment process in transport	30	15	15								1 e	1			2					
10	Maintenance and management of urban and regional infrastructure	30	15			15	1			1	2										
11	Legal regulations in transport policy	15	15				1				1										
Number of teaching hours for specialization		330	165	30	75	60	6	1	1	3	11	5	1	4	1	12	0	0	0	0	0
			330				11					11					0				
Total number of teaching hours		990	495	195	135	165	14	5	4	3	30	13	4	5	5	32	6	4	0	3	30
			990				26					27					13				
Total ECTS points		92					30					32					30				
Number of exams		10					3					5					2				
Number of tests		41					22					15					4				

Comments:
*) W - lecture, C - exercises, L - laboratory, P - project

Symbol: e - exam

It is valid from the education cycle started on 01.10.2017
Resolution no. 53/IX/2017 of the Faculty Council
of 20.04.2017 r.