CURRICULUM

EDUCATION SEEKERS TRAINING

№ ____________________

Field of study: **27** **Transport**

Educational and Professional Program: **Sustainable Transport Engineerin**

Educational qualification: **Master in Sustainable Transport Engineering**

Academic Degree: Master

Training period - 1 year 4 montl

Mode of study: **Full-time**

On the basis of educational level - Bachelor

I. Schedule of Academic Process

Year of study	September				29	October			27	November				December				29	January			26	February			23
	1	8	15	22	IX	6	13	20	X	3	10	17	24	1	8	15	22	XII	5	12	19	I	2	9	16	II
					5				2									4				1				1
	7	14	21	28	X	12	19	26	XI	9	16	23	30	7	14	21	28	I	11	18	25	II	8	15	22	III
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
I									17									=	=	::	::					
II	X	X	X	X	<	<	Д	Д	Д	Д	Д	Д	Д	Д	Д	Д	Д	Д								

II. Total amount of hours (in weeks)

Year of study	March				30	April			27	May				June				29	July			27	August				Academic Classes	Examinations	Educational Training	On-the-Job Training	Unified State Qualification Exam	Qualification Paper	Holidays	Total	Year of study
	2	9	16	23	III	6	13	20	IV	4	11	18	25	1	8	15	22	VI	6	13	20	VII	3	10	17	24									
					5				3									5				2													
	8	15	22	29	IV	12	19	26	V	10	17	24	31	7	14	21	28	VII	12	19	26	VIII	9	16	23	30									
	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52									
I					18									::	::	X	X	X	=	=	=	=	=	=	=	=	35	4		3			10	52	I
II																														4	2	12		18	II
																									Total		35	4	0	7	2	12	10	70	

Legend: ☐ Academic Classes; :: Examinations; = Holidays; X On-the-Job Training; < Unified State Qualification Exam; Д Qualification Paper

III. III. Academic Curriculum

№	Subjects and Academic Activities	Mode of final control: Examination	Mode of final control: Graded Test	Student's work (hours): Total ECTS Credits	Total Hours	Classroom sessions	Self-study	Term Papers, Course Projects	Hours per semesters: 1 year of study, 1 semester, 17 weeks		2 semester, 18 weeks		2 year of study, 3 semester		
									Hours a week / ECTS credits						
MANDATORY COMPONENTS															
1. Humanities and Socio-Economic Subjects (210 / 7,0)															
1.1	Business Foregin Language	1		3,5	105	34	71		2	3,5					32,38
1.2	Philosophical Problems of Scientific Cognition		2g	3,5	105	36	69				2	3,5			34,29
Total ECTS Credits for cycle 1:				**7,0**						**3,5**		**3,5**			
2. Professional and Practical Training (1770 / 59,0)															
2.1. Professionally Oriented Subjects (825 / 27,5)															
2.1.1	Sustainable Transport Systems and Technologies		1g	3,5	105	34	71		2	3,5					32,38
2.1.2	Project Management in Sustainable Transport Engineering	1		4,0	120	34	86	CP-1	2	4,0					28,33
2.1.3	Safe & Sustainable Transport Policies in Europe	1		3,5	105	34	71		2	3,5					32,38
2.1.4	Management in Integrated Transportation Systems		1g	3,5	105	34	71		2	3,5					32,38
2.1.5	Digitalization in Air Transport Engineering	2		4,0	120	36	84				2	4,0			30,00
2.1.6	Intelligent Technologies in Sustainable Transport Engineering	2		4,0	120	36	84				2	4,0			30,00
2.1.7	Simulation, Optimization, and Machine Learning in Sustainable Transportation Systems: Models and Applications	2		5,0	150	54	96	CP-2			3	5,0			36,00
2.2. Practical Subjects (315 / 10,5)															
2.2.1	On-the-Job Trainings														
2.2.1.1	Scientific and Research Training in Field of Sustainable Transport Engineering		2g	4,5	135		135				135	4,5			
2.2.1.2	Pre-Diploma Practice		3g	6,0	180		180						180	6,0	
2.3	**Attestation of Higher Education Seekers (630 / 21,0)**														
2.3.1	Unified State Qualification Exam			3,0	90		90						90	3,0	
2.3.2	Qualification Paper			18,0	540		540						540	18,0	
Total ECTS Credits for cycle 2:				**59,0**						**14,5**		**17,5**		**27,0**	
SELECTIVE COMPONENTS															
3. Subjects Selected by Students (720 / 24,0)															
3.1	Subject 1		1g	4,0	120	34	86		2	4,0					28,33
3.2	Subject 2		1g	4,0	120	34	86		2	4,0					28,33
3.3	Subject 3		2g	4,0	120	34	86		2	4,0					28,33
3.4	Subject 4		2g	4,0	120	36	84				2	4,0			30,00
3.5	Subject 5		3g	4,0	120	36	84				2	4,0			30,00
3.6	Subject 6		3g	4,0	120	36	84				2	4,0			30,00
Total ECTS Credits for cycle 3:				**24,0**						**12,0**		**12,0**			
Number	**Total Hours**				**2700**	**542**	**2158**		**16**		**15**				
	Total ECTS Credits			**90,0**						**30,0**		**33,0**		**27,0**	
	Examinations	**6**							**3**		**3**				
	Graded Tests		**11**						**5**		**5**		**1**		
	Term Papers							**1**			**1**				
	Course Projects							**1**	**1**						