

Master Program: Exploitation of Transport and Technological Machines and Complexes
 Field of Studies: Expertise and technologies of service services in transport
 Years of Studies: 2
 Language of Training: Russian

No	Subject	Semester	Hours	Credits
Block 1 Disciplines (modules)				
M.1.1	Basic part			
M.1.1.1	Modern problems and directions of transport development	1	72	2
M.1.1.2	Analytical and numerical methods in experimental planning and engineering analysis	1	72	2
M.1.1.3	Language of business communication	1	72	2
M.1.1.4	Modern problems and directions of development of technical operation of transport and handling machines and equipment	2	72	2
M.1.1.5	Risk management	2	72	2
M.1.1.6	Transport economics	3	108	3
M.1.1.7	Bases of scientific research	2	72	2
M.1.1.8	Computer Technology in Science and Manufacturing, Intellectual Property	1	108	3
	Total for the basic part		648	18
M.1.2	The variable part			
M.1.2.1	Methods of research and improvement of the properties of automotive operational materials	2	144	4
M.1.2.2	Technical translation	2	72	2
M.1.2.3	Statistical analysis of the quality and efficiency of transport and transport processes	3	72	2
M.1.2.4	Examination of technical condition of vehicles and process equipment	3	144	4
M.1.2.5	Type of rolling stock, special rolling stock and	1	144	4

	construction of vehicles			
M.1.2.6	Modeling of processes in systems and units of transport and handling machines and equipment	1	144	4
M.1.2.7	Theoretical basis of technical operation of transport and handling machines and equipment	3	144	4
M.1.2.8	Business Fundamentals in the Road Transport Industry	3	72	2
M.1.3	Electives		576	16
M.1.3.1.1	Management of innovations	1	72	2
M.1.3.1.2	Special heads of reliability	/1	/72	/2
M.1.3.2.1	Prospects for technical diagnostics	3	108	3
M.1.3.2.2	Modern methods of designing assemblies and assemblies of transport and handling machines and equipment	/3	/108	/3
M.1.3.3.1	Electronic systems and methods of their structural organization in transport and handling machines and equipment	1	180	5
M.1.3.3.2	Techniques for the collection, processing and analysis of experimental data	/1	/180	/5
M.1.3.3.3	Military preparation	/1	/180	/5
M.1.3.4.1	Scientific basis of system and technology of service organization	2	216	6
M.1.3.4.2	Control of technical condition of transport and handling machines and equipment	/2	/216	/6
	Total for the variable part		1512	42
	Total for block M.1		2160	60
Block 2 Practices, including research (NIR)				
M.2	Practices and NIRs (variable)		1944	54
M.2.1	educational *	2	216	6
M.2.2	production (pedagogical) **	4	108	3
M.2.3	production (technological) **	4	216	6

M.2.4	externship	4	216	6
M.2.5	research work		1188	33
M.2.5	research work	1	216	6
M.2.5	research work	2	216	6
M.2.5	research work	3	324	9
M.2.5	research work	4	432	12
Block 3 State final certification				
M.3	State final certification (basic part)		216	6
	Total in the direction		4320	120
F.	Elective courses			
F.1	Military preparation	2	243	
F.2	Service and maintenance of alternative energy vehicles	2	72	