

# "Todor Kableshkov" University of Transport

Faculty: Machinery and Construction Technologies in Transport

Programme: Transportation Engineering

Degree: Master's Degree for Graduates with Professional Bachelor Degree

Mode of study: Part time

Duration of study: 2.5 years

No	Code	Course	Total contact hours (Hours of lectures and seminars)	ECTS credits
<i>Compulsory courses</i>				
1	813	Mathematics part III	30	7
2	901	Theoretical Mechanics	53	7
3	600	Internal Combustion Engines	53	7
4	1009	Machine Elements - make a project	0	2
5	245	Locomotives	53	7
6	211	Automotive Engineering	53	8
7	903	Theory of Mechanisms and Machines	30	5
8	902	Strength of Materials	53	8
9	220	Reliability of Vehicles	38	7
10	699	Internal Combustion Engines - make a project	0	2
11	833	Mathematical Methods in Engineering	30	5
12	930	Structural Mechanics of Machine Design	38	6
13	234	Railway Wagons	45	6
14	239	Strength and Durability of Automotive and Railway Equipment	30	5
15	1003	Computer-aided Design and Construction	53	8
16	240	Engineering Experiment: Measurement and Analysis	53	8
17	250	Transport Equipment Dynamics	38	5
18	242	Automotive Theory and Design	45	7
19	241	Railway Equipment Theory and Design	53	8
20	264	Automotive Engineering - make a project	0	2
21	265	Railway Equipment - make a project	0	2
	283	Automotive Engineering	0	0
<i>Elective courses</i>				
<i>Optional courses</i>				