

# "Todor Kableshkov" University of Transport

Faculty: Machinery and Construction Technologies in Transport

Programme: Railway Engineering

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

Mode of study: Full time

Duration of study: 1.5 years

No	Code	Course	Total contact hours (Hours of lectures and seminars)	ECTS credits
<i>Compulsory courses</i>				
1	833	Mathematical Methods in Engineering	60	5
2	942	Stress and Deformation Analysis	60	5
3	206	Railway Equipment Theory and Design	105	8
4	116	Computer-aided Design Systems	105	8
5	218	Strength and Durability of Railway Equipment	105	8
6	240	Engineering Experiment: Measurement and Analysis	90	7
7	273	Computer-aided Design of Transport Equipment	60	5
8	230	Railway Equipment Dynamics	105	8
11	265	Railway Equipment - make a project	0	2
13	2223	Development and defense of a thesis	0	15
<i>Elective courses</i>				
10.1	100	Traffic Safety	60	4
10.2	164	Management and Marketing	60	4
<i>Optional courses</i>				
12	744	Foreign language with a specialized module - Part I	45	3
12	745	Foreign language with a specialized module - Part II	45	3