

"Todor Kableshkov" University of Transport

Faculty: Machinery and Construction Technologies in Transport

Programme: Engineering Logistics and Building Machines

Degree: Bachelor

Mode of study: Full time

Duration of study: 4.0 years

No	Code	Course	Total contact hours (Hours of lectures and seminars)	ECTS credits
<i>Compulsory courses</i>				
1	811	Mathematics part I	75	7
2	1207	Chemistry	45	4
3	715	Foreign Language - English, German, French, Russian	90	6
4	702	Economics	60	4
5	1201	Material Science and Technology	105	9
6	812	Mathematics part II	75	7
7	1114	Physics	90	7
8	821	Informatics	90	7
9	1011	Applied Geometry and Engineering Drawing I	45	3
10	906	Theoretical Mechanics part I	60	6
11	813	Mathematics part III	60	6
12	907	Theoretical Mechanics part II	60	6
13	1012	Applied Geometry and Engineering Drawing II	45	3
14	902	Strength of Materials	105	7
15	278	Heat Transfer Equipment	60	5
16	147	Transport and Logistics	45	3
17	903	Theory of Mechanisms and Machines	60	5
18	1116	Electrical Engineering and Electronics	90	6
19	1013	Metrology and Measurement Equipment	60	4
20	908	Fluid Mechanics	60	5
21	1008	Machine Elements	105	8
22	1009	Machine Elements - make a project	0	2
23	719	Physical Education and Sports	0	0
24	1205	Mechanical Engineering Technologies	75	5
25	645	Mechanization and Automation of Material Handling Processes in Transport	90	7
26	657	Civil Engineering Machines and Systems	75	7
27	627	Hydraulic and Pneumatic Drives of Material Handling and Construction Equipment	90	7
28	628	Technical Safety of Material Handling and Construction Equipment	45	4
29	670	Control Systems of Material Handling and Construction Machines	90	6
30	703	Economic History	45	3
31	641	Electric Drive and Automatic Control of Material Handling and Construction Equipment	90	7
32	655	Industrial Logistics: Material Handling Machines, Processes and Systems	105	7
33	658	Industrial Logistics: Material Handling Machines, Processes and Systems Project	0	3

34	653	Machines and Systems for Continuous Transport	75	5
35	631	Building and Road Construction Machines	90	6
36	660	Industrial Logistics: Loading/Unloading Equipment	75	5
37	661	Information and Control Systems of Material Handling and Construction Equipment	75	5
38	662	Project in Building and Road Construction Machines	0	3
39	656	Technical Maintenance of Material Handling and Construction Equipment	75	7
40	663	Railway Construction Equipment	90	7
41	664	Material Handling Manipulators and Robots	75	7
42	665	Maintenance of Material Handling and Construction Equipment	60	6
43	666	Railway Construction Equipment - make a project	0	3
<i>Elective courses</i>				
	346	Transport Infrastructure	45	4
	676	Storage Processes and Systems	60	6
	248	Basic Machinery of Material Handling and Construction Equipment	60	6
	675	Internal Factory Transport	45	4
<i>Optional courses</i>				
	677	Computer-aided Design of Material Handling and Construction Equipment	75	5