

# "Todor Kableshkov" University of Transport

Faculty: Telecommunications and Electrical Equipment in Transport

Programme:

Degree: Master's Degree for Graduates with Bachelor's or Master's 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	1124	Theoretical Electrical Engineering	45	6
2	568	Digital and Analogue Circuit Design	38	6
3	508	Automatics and Telemechanics Theory	38	7
4	553	Signals and Systems	38	7
5	592	Safety Management Systems of Safety Processes	23	4
6	512	Radio Communications	38	7
7	584	Risk Management Systems for Technological Processes	38	6
8	564	Measurement, Control and Diagnostics of Computer and Communication Systems	38	6
9	552	Computer Systems and Architectures	38	6
10	5101	Insurance systems in rail transport	38	6
11	535	Electromagnetic Compatibility (EMC)	38	6
12	5104	Intelligent systems for managing scattered objects	38	6
13	546	Mobile Internet	38	6
14	547	Broadband Mobile Telecommunications	38	6
15	538	Vehicles Automated Control	30	5
16	5102	Next generation communication networks	30	5
17	540	Cryptography and Telecommunication Networks Protection	38	5
18	548	Risk Analysis and Management	30	5
19	5103	Radio navigation systems	30	5
20	542	Information Technologies	30	5
<i>Elective courses</i>				
21.1	526	Mobile Telecommunications	30	5
21.2	562	Sensors and Personal Wireless Networks	30	5
<i>Optional courses</i>				