

"Todor Kableshkov" University of Transport

Faculty: Telecommunications and Electrical Equipment in Transport

Programme: Telecommunications and Signalling

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	819	Mathematics part III	30	5
2	1102	Theoretical Electrical Engineering part II	30	5
3	508	Automatics and Telemechanics Theory	53	6
4	511	Computer Systems	38	5
5	520	Interlocking and Signalling Systems	53	7
6	521	Interlocking and Signalling Systems - make a project	0	2
7	514	Reliability and Safety Theory	30	5
8	516	Automatic Traffic Control	53	7
9	517	Automatic Traffic Control - make a project	0	2
10	524	Measuring, Control and Diagnostics	53	8
11	534	Optic Technologies and Networks	38	6
12	535	Electromagnetic Compatibility (EMC)	38	6
13	536	Radio Communication Systems for Special Purpose	38	6
14	546	Mobile Internet	38	6
15	547	Broadband Mobile Telecommunications	38	6
16	538	Vehicles Automated Control	30	5
17	539	Fault-tolerance Systems	30	5
18	540	Cryptography and Telecommunication Networks Protection	38	5
19	548	Risk Analysis and Management	30	5
20	549	Navigation Systems	30	5
21	542	Information Technologies	30	5
<i>Elective courses</i>				
	526	Mobile Telecommunications	30	4
	525	Local and Global Networks	30	4
	527	Terminal Interfaces and Protocols	30	4
	550	Intelligent Systems for Security and Protection	30	4
<i>Optional courses</i>				