

# "Todor Kableshkov" University of Transport

Faculty: Telecommunications and Electrical Equipment in Transport

Programme: Electric Power Engineering and Electrical Equipment

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	1377	Engineering Research and Design	75	5
2	535	Electromagnetic Compatibility (EMC)	75	5
3	1359	AC Traction Electric Drives	90	6
4	1361	High-efficiency Energy-saving Devices and Technologies	60	6
5	1362	Transient Processes in Electric Traction Circuits	75	5
6	1376	Course project on AC Traction Electric Drives	0	3
7	1364	Information Systems in Power Engineering	75	6
8	1365	Modelling and Optimization of Traction Power Supply Systems	90	8
9	1366	High speed Electric Transport	60	4
10	1367	Reliability of the Electric Transport Systems	75	6
<i>Elective courses</i>				
	1370	Contemporary Systems for Control, Supervision and Protection of Electric Vehicles	75	6
	1371	Contemporary Systems for Control, Supervision and Protection of Electric Traction Networks	75	6
<i>Optional courses</i>				