

"Todor Kableshkov" University of Transport

Faculty: Telecommunications and Electrical Equipment in Transport

Programme: Electric Power Engineering from Renewable Energy Sources

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

Mode of study: Part 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	1311	General Theory, Efficiency and Quality of the Energy, Produced by Renewable Energy Sources	38	6
2	535	Electromagnetic Compatibility (EMC)	38	6
3	1312	Technologies for Energy Production of Renewable Energy Resources	30	6
4	1313	Electrical Equipment	30	6
5	1314	Power Electronic Converters for Renewable Energy Resources	30	5
6	1315	European and National Legislation in the Field of Renewable Energy Resources	23	5
7	1316	Engineering Research and Design of Equipment for Renewable Energy Resources Production	38	6
8	1317	Management, Control and Protection Systems	53	6
9	1389	Safety and Ecology	22	5
10	1318	Technical Operation, Repair and Maintenance of Renewable Energy Resources	38	6
11	1319	Implementation of Renewable Energy Resources in Electric Transport	38	6
12	1320	КПЕВЕИ	0	6
<i>Elective courses</i>				
	1322	Electric Transport Propulsion	0	6
	1323	Advanced Systems for Construction of Traction Power Supply Stations	0	6
	1321	Electrical Equipment in Power Plants and Substations	0	6
<i>Optional courses</i>				