

Professional orientation: **Electrical engineering, electronics and automation**
 Educational and qualification degree: **Bachelor**
 Program: **Electronics**
 Professional qualification: **Electronic Engineer**
 Length of study: **4 years**
 Mode of study: **Full - Time**

No	Subject Name	Credits
1	Mathematics, part 1	7
2	Physics	6
3	Computer Technologies	6
4	Technical Documentation	6
5	Foreign Language, part 1	3
6	Practical Training, part 1	1
7	Optional Subject	1
a	General Sport Activities	
b	Specialized Sport Activities	
8	Mathematics, part 2	6
9	Circuit and Field Theory, part 1	6
10	Introduction to MATLAB	5
11	Electronic Components	6
12	Electrical Materials	5
13	Foreign Language, part 2	2
14	Practical Training, part 2	1
15	Optional Subject	1
a	General Sport Activities	
b	Specialized Sport Activities	
16	Mathematics, part 3	6
17	Circuit and Field Theory, part 2	6
18	Semiconductor Devices and Technologies	6
19	Electrical Measurements	5
20	Electromechanical Devices	5
21	Foreign Language, part 3	2
22	Optional Subject	1
a	General Sport Activities	
b	Specialized Sport Activities	
23	Digital Electronic Circuits	7
24	Signals and Systems	6
25	Analysis and Synthesis of Electronic Circuits	7
26	Control Theory (part 1)	6
27	Design and Reliability of Electronic Equipment	6
28	Optional Subject	1
a	General Sport Activities	
b	Specialized Sport Activities	

29	Analog Circuits	6
30	Electrical Safety	5
31	Microprocessor Circuits	6
32	Power Supply Devices	7
33	Computer Aided Design in Electronics	7
34	Optional Project	2
a	Analog Circuits	
b	Design and Reliability of Electronic Equipment	
35	Power Electronic Converters	6
36	Microprocessor Systems	6
37	Measurement Electronics	7
38	Optoelectronic and Laser Devices	5
39	Applied Electrodynamics and Electromagnetic Compatibility	4
40	Microprocessor Systems, project	2
41	Specialized Practical Training	4
42	Digital Signal Processing	6
43	Sensors and Signal Conditioning	7
44	Microelectronics	6
45	Economics	5
46	Power Electronic Converters, project	2
47	Optional Subject	6
a	Automation Equipment	
b	Communication Engineering	
48	Industrial Electronics	6
49	Medical Electronics	5
50	Electronic systems for renewable energy sources	7
51	Optional Project	2
a	Industrial Electronics	
b	Medical Electronics	
52	Preliminary diploma thesis Project	4
TOTAL		249