Lomza State University of Applied Sciences

Faculty of Computer Science and Food Science
Automation and Robotics (first degree) - Stationary Studies: Courses in the **winter** semester of academic year 2018/2019
Specialty: Process Automation

Lp.	Course name	Exam / Credit	Numbers of hours per semester							ECTS
			L	D	W	Lab	P	S	SW	
Semester 1										
1	Basics of Programming	E	30	15		30			100	7
2	Foreign language 1	C		30					20	2
Semester 3										
1	Algorithms and Data Structures	E	30			30			65	5
2	Database Systems	C	30			30			65	5
3	Introduction to Numerical Methods	E	30			15			55	4
4	Artificial Intelligence	C	15			30			30	3
5	Foreign language 3	C		30					20	2
Semester 5										
1	Basics of robotics	E	30			30			65	5
2	Computer tools in automation	C	30			30			15	3
3	Control Systems Programming	E	30			30			65	5
4	Electric drives	C	30			30			40	4
5	Laboratory of basics of robotics	C				45			5	2
	Total 630h		**255**	**75**		**300**			**545**	**47**