

Lomza State University of Applied Sciences

Faculty of Computer Science and Food Science

Computer Science (first degree) - Stationary Studies: Courses in the **winter** semester of academic year 2021/2022 Specialty: Software Systems

	Course	ECTS	The number of hours per week						The number of hours in the semester					
	Course		Lec.	Exer.	Lab.Spec.	Lab	Р	S	Lec.	Exer.	Lab.Spec.	Lab	Р	S
Semeste	r 1													
1	Basics of Programming	5	2	1	2				30	15	30			
2	Operating Systems	4	1		2				15		30		_	
Semeste	r 3													
3	Algorithms and Data Structures	4	1		2				15		30			
4	Introduction to Numerical Methods	3	1		2				15		30			
5	Basics of Artificial Intelligence	3	1		2				15		30			
6	Cryptography	3	1		2				15		30			
7	Visual Object-oriented Programming	3	1		2				15		30			
8	Advanced Computer Networks	3	1		2				15		30			
Semeste	r 5													
8	Technologies of Internet Application Manufacturing	3	2		2				30		30			
9	Advanced Software Engineering	3	2		2				30		30			
10	Security of Computer Networks	4	2			2			30			30		
11	Multimedia	3	2		2				30		30			
12	Team project I	4					2						30	
13	Methods and techniques of artificial intelligence	3	2		2				30		30			
	Total	48												