

UNIVERSITY OF ECOLOGY AND MANAGEMENT IN WARSAW		First-cycle study plan for students starting their studies from 2023/2024																Engineer's studies full-time; practical profile 7 semesters																						
		Field of study: Computer Engineering																																						
		PROGRAMME MODULES WITHIN BASIC SCIENCES - sem. I-III																																						
		CODE	Course names	Hours				ECTS		Number of hours per semester																														
Σ	Form of classes				Total	practical	1st semester				2nd semester				3rd semester				4th semester	5th semester	6th semester	7th semester																		
	L			aud.ex			proj.	lab.	L	E	aud.ex	proj.	lab.	L	E	AND	P	L	L	E	aud.ex	proj.	lab.	L	E	id.ero	lab	L	E	id.ero	lab	L	E	id.ero	lab					
I 001	English Course I	60		60			2	2								60																								
I 002	Logic and Set Theory	60	30	30			6						30	E	30																									
I 003	Mathematics I	60	30	30			6						30	E	30																									
I 004	Microeconomics	30	30				2						30	E																										
I 005	Basics of Computer Programming	75	30	15		30	7	3					30	E	15		30																							
I 006	Principles of Management	30	30				2						30	E																										
I 007	Introduction to Computer Science	45	30	15			5	2					30	E	15																									
I 001	English Course II	60		60			2	2									60																							
I 008	Logistics	30	30				2										30	E																						
I 003	Mathematics II	60	30	30			6										30	E	30																					
I 009	Principles of Marketing	30	30				2										30	E																						
I 010	Ethics	15	15				1										15																							
I 011	Principles of Digital Technology	60	30			30	6	3									30	E			30																			
I 012	Principles of Telecommunications	45	30	15			4	2									30	15																						
I 013	Object-Oriented Programming	60	30			30	7	3									30	E			30																			
I 014	Algorithms and Data Structure	45	30			15	5	2													30	E			15															
I 015	Computer Architecture	45	30			15	5	2													30			15																
I 016	Physics I	30	15	15			3	1													15	E	15																	
I 001	English Course III	60		60			2	2										60																						
I 017	Event-Driven Programming	45	30			15	5	2													30	E		15																
I 018	Social Aspects of the Internet	30	30				2														30																			
I 019	Statistics	45	15	30			4	1													15	E	30																	
I 020	Signal and Information Theory	45	30	15			4	2													30	15																		
Number of hours per semester I-III		1065	555	375		135							180	150	30		195	105	60		180	120	45																	
Number of exams per semester, I-III																																								
Number of ECTS per semester I-III																																								



