



Year	Theoret. classes (T)	Boundary (current control) (B)	Individ. work (I)	Examination session (S)	Practice (P)	Certification (C)	Master's thesis (M)	Holiday (H)	Together	Name of practice		Name of academic disciplines	Form of Certification (exam, master's thesis)				
										Semester	Weeks		Semester	Weeks			
1	28	1		5				14	48								
2					8		12		20	Pre-diploma practice	3				8		
Total	28	1		5	8		12	14	68	Total weeks					8	Total weeks	
														Qualifying work (MASTER'S THESIS);	3	12	
															Total weeks		

V. CURRICULUM

NO		CODE	NAME OF THE EDUCATIONAL DISCIPLINE	V. CURRICULUM										Distribution of classes per week by semesters (half-semester) and ECTS by years and semesters										note				
				Distribution by semesters					Amount	ECTS	Amount of hours					Distribution of classes per week by semesters (half-semester) and ECTS by years and semesters												
				Exams	Tests (dif. tests)	Course		Individual tasks			Control works	individual tasks	control works	Total amount	Total	Classroom			Self-study	1 year					II year			
						works	projects		Lectures	Laboratory works (computer classes)						Practical works	Seminar classes	Others		classes per week	ECTS	classes per week	ECTS		classes per week	ECTS	classes per week	ECTS
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25				
1 OBLIGATORY COMPONENTS																												
1.1	MC01	Fuzzy programming	2								4	120	44	14	30				76			3		4	ST			
1.2	MC02	Engineering of applied intellectual applications	1				1				5	150	38	12	26				112	3		5			ST			
1.3	MC03	Methodology of scientific research and academic writing									3	90	30	12	12				60	2		3			ST			
1.4	MC04	Design and modeling of IoT systems					1				4	120	40	12	26				80	3		4			ST			
1.5	MC05	Component models of software systems					2		2		4	120	44	14	30				76			3		4	ST			
1.6	MC06	Methods of data analysis and high-performance computing	2								4	120	44	14	30				76			3		4	ST			
1.7	MC07	Basics of computational intelligence	2								3	90	44	14	30				46			3		3	ST			
1.8	MC08	Smart-technologies of digital industry									6	180	60	12	26				120	4		6			ST			
1.9	MC09	Foreign language for professional activities	1								3	90	30						60	2		3			FL			
1.10	MC10	Pre-diploma practice									10.5	315							315						10.5			
1.11	MC11	Qualification work (Master's thesis)	3								19.5	585							585						19.5			
Total			5	6					2		66	1980	374	104	210	38			22	1606	14	21	12	15	30			
2 ELECTIVE COMPONENTS																												
2.1	SC	Elective disciplines chosen by applicants from the general university catalog									6	180										3		3				
2.2	SC	Elective disciplines chosen by applicants from the catalog offered by the Software Tools department, which is responsible for the implementation of the Curriculum									18	720										6		12				
Total											24	720										9		15				
Total											80	2700										30		30				
Number of exams																						2		3	1			
Number of tests																						6		5	1			
Number of course works (CW)																						1		1				
Number of course projects (CP)																						1		1				
The number of individual tasks (IT)																												
Number of control works																												

Dean of the Faculty of Computer Sciences and Technologies

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CST-213m