

"I approve"
Rector



K.V. Hromovenko
(surname and initials)

15 06 " 2023

Approved by the Academic Council of International Humanitarian University
Protocol No. 7 of " 07 " 07 2023

International Humanities University
(full name of higher education institution)
EDUCATIONAL PLAN

Program _____ **second (master) level** _____ **field** _____ **12 Information technologies**
(level of higher education) (code and name of field of knowledge)

specialty _____ **123 Computer engineering**
(code and name of specialty)

_____ **Computer Engineering**
(name of educational program)

_____ **according to the educational p** _____
Form of education _____ **Full** _____

Language of education
english

Course	September				October				November				December				January				February				March				April				May				June				July				August											
	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	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52				
I																																																								
II																																																								
III																																																								
D																																																								

MARKING: T - theoretical training, E - examination session, H - holidays
P - practice, D - writing and defense of diploma

I. SCHEDULE OF THE EDUCATIONAL PROCESS

II. SUMMARY OF TIME BUDGET DATA, weeks

Course	Theoretical study	Examination period	Practice	Certification	Completion of graduation qualification work	Holiday	Together
I	9	2	8	2	9	6	11
II	14	2	8	2	9	6	41
Total	23	4	8	2	9	6	52

III. PRACTICE

Name of the practice	Semester	weeks
Research practice	3	4
Pre-diploma practice	3	4

IV. CERTIFICATION

The name of the academic discipline	Attestation form	Semester
Qualification work	Protection	3

code for OP		No		NAME OF THE EDUCATIONAL DISCIPLINE		V. EDUCATIONAL PROCESS PLAN																					
						Distribution by semesters						Distribution by courses and semesters															
						Exams	Credits	ECTS	Coursework/Projects	Hours in general	In total	Lectures	Practical training	Laboratory classes	Independent work	lectures	laboratory	practical	lectures	laboratory	practical	lectures	laboratory	practical			
1. MANDATORY DISCIPLINES																											
1.1 GENERAL TRAINING CYCLE																											
1.1.2 DISCIPLINES OF FUNDAMENTAL TRAINING																											
FP 01	1			Occupational safety in the industry	2	3			90	24	12	12			66												
FP 02	2			Organization of scientific researches	1	4			120	42	14	28			78	14						12			12		
FP 03	3			Intellectual property	1	3			90	28	14	14			62	14											
FP 04	4			Preparing for the qualification work	3	6			180						180												
FP 05	5			Internship	1	6			180						180												
FP 06	6			Pre-graduation practice	3	6			180						180												
Total according to the cycle of fundamental training					28	28			840	94	40	54	0	746	28	42					0			0	0		
1.2 PROFESSIONAL TRAINING CYCLE																											
PP O1	1			Research of computer systems of artificial intelligence	2	6			180	24	12	12			156							12		12		24	
PP O2	2			Research and design of computer systems and networks	2,3	14			420	96	48	48			324							24		24		24	
PP O3	3			Network information technologies	2	7			210	36	24	12			174							24		12		24	
Total according to the cycle of professional training					27	27			810	156	84	126	0	654	28	42						60	0	48	24	0	24
Total amount of mandatory components					55	55			1650	250	124	180	0	1400	28	42						60	0	48	24	0	24
2. ELECTIVE DISCIPLINES																											
2.1 GENERAL TRAINING CYCLE																											
2.2 CYCLE OF PROFESSIONAL TRAINING DISCIPLINES																											
PP V.1	1			Reliability of systems and networks	3	7			210	48	24	24			162											24	
PP V.2	2			Programming technologies in the industry	1,2	7			210	48	24	24			162							24				24	
PP V.3	3			Technologies of computer systems and networks administration	3	7			210	48	24	24			162							24				24	
PP V.4	4			Computer-aided design systems for complex objects and systems	1	7			210	48	24	24			162							24				24	
PP V.5	5			Recognize patterns	2,3	7			210	48	24	24			162							24				24	
PP V.6	6			Peripherals and networking technologies	3	7			210	48	24	24			162							24				24	
PP V.7	7			Basics of electrical measurements	1,2	7			210	48	24	24			162							24				24	
PP V.8	8			Technical means of automation	3	7			210	48	24	24			162							24				24	
PP V.9	9			Basics of algorithmization and programming	1	7			210	48	24	24			162							24				24	
PP V.10	10			Fundamentals of computer modeling	2,3	7			210	48	24	24			162							24				24	
Total according to the cycle of professional training					35	35			1050	240	120	120	0	810	48	48						24	24	24	48	48	
Total number according to the curriculum					7	8			2700	490	244	300	0	2210	76	0	90	84	0	72	72	72	72	72	72	72	
Number of hours per week																											
Number of exams																											
Number of credits																											
Number of term papers																											

Dean of the Faculty of Cyber Security, Software Engineering and Computer Sciences
 Head of the Educational Department



L.I. Ralcheva
 V. Srechkovska