

“Approved”
Vice-Rector **Aleksandr HOLOVKO**



MINISTRY OF EDUCATION AND SCIENCE OF UKRAINE

V. N. Karazin Kharkiv National University

(full name of the institution of higher education)

TRAINING PLAN for 2026-2027

Training according to the educational and professional program **Informatics**

Higher education degree

second (master's) level

Duration of study – 1 year 4 months

on the basis of first-level (bachelor's)

Educational qualification: Master of Computer Science,
Informatics

according to the level of higher education second (master's) level field of study **F - Information technology**

specialty **F3 - Computer Science**

Mode of study Full-time

I. SCHEDULE OF THE EDUCATIONAL PROCESS for 2026-2027

Year	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
1	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	S	S	S	V	V	V	V	T	T	T	T	T	T	T	T	T	T	T	T	T	S	S	S	S	V	V	V	V	V	V	V	V	V	V	
2	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	D	D																																		
3																																																			
4																																																			
5																																																			
6																																																			

II. SUMMARY DATA FROM TIME BUDGET, weeks

Year	Theoretical training	Exams and tests	Practices	Certification	Thesis design	Academic vacation	Total
1	32	6				14	52
2			15		2		17
3							
4							
5							
6							
Total	32	6	15	0	2	14	69

SYMBOLS:

T - theoretical training

S - examination session

P - practice

V - academic vacation

D - thesis design and defense

PRACTICES

Practice name	Semester	Weeks
Research and production practice	3	12/20 credits
Pre-graduate practice	3	3/ 6 credits

CERTIFICATION

Certification exam	Qualification work	Semester
	Master's thesis	3

III. EDUCATIONAL PROCESS PLAN

Code	Components of the educational program	Distribution by semesters				Amount of ECTS credits	Amount of hours					Distribution of class hours per week by courses and semesters														
		Four-level scale	Two-level scale	Tests	Individual tasks		The total amount	Total	Classes				Self-study	1 year	2 year	3 year	4 year	5 year	6 year							
									including:					Semesters												
					abstracts, translations calculation and graphic works				courseworks	Lectures	Laboratory work	Practical classes		Workshop	1	2	3	4	5	6	7	8	9	10	11	12
															Amount of weeks per semester											
															16	16	16									

1. REQUIRED COMPONENTS

EC 01	Global problems of our time		1				3	90	32	32				58	2											
EC 02	Statistical methods in computer science	1		2		2	5	150	48	32		16		102	3											
EC 03	Theory of programming	1				2	6	180	48	32		16		132	3											
EC 04	Database and data warehouse technologies	1		2		2	5	150	64	32		32		86	4											
EC 05	Software engineering	1		2		2	5	150	64	32		32		86	4											
EC 06	Data protection		2	1		1	3	90	32	32				58	2											
EC 07	Research coursework		1,2				6	180						180												
EC 08	Research and production practice	3					20	600						600												
EC 09	Pre-graduate practice		3				6	180						180												
EC 10	Preparation of the qualification work	3					4	120						120												
Total amount of required components		6	5	7		9	63	1890	288	192		96	0	1602	16	2	0									

2. SELECTED COMPONENTS

2.1 Selective professional (special, subject) educational components

SC 2.2.1	Discipline P-1		1			2	3	90	32	16		16		58	2											
SC 2.2.2	Discipline P-2	2		2		2	6	180	64	32		32		116	4											
SC 2.2.3	Discipline P-3	2		2		2	6	180	64	32		32		116	4											
SC 2.2.4	Discipline P-4	2		2		2	6	180	64	32		32		116	4											
SC 2.2.5	Discipline P-5	2		2		2	6	180	64	32		32		116	4											
Total volume of selected components		4	1	8		10	27	810	288	144		144		522	2	16	0									
Total amount		10	6	15		19	90	2700	576	336	0	240		2124	18	18										
Amount of hours per week															18	18										
Amount of grades on a four-level scale															4	4	2									
Amount of grades on a two-level scale															3	2	1									
Amount of tests															6	9										
Amount of coursework															1	1										

Approved by the Academic Council
Protocol No. 9 from 25th May 2026

Vice-Dean of the Faculty

levgen MENIAILOV

Guarantor of the educational and professional program

Vyacheslav FROLOV