

“Approved”  
Vice-President **Oleksandr HOLOVKO**

“07” 06/2023



**MINISTRY OF EDUCATION AND SCIENCE OF UKRAINE**

( proprietor )

**V.N. Karazin Kharkiv National University**

( university )

**EDUCATIONAL PLAN for 2023-2025**

**area of knowledge 11 Mathematics and statistics**

( code and title of area of knowledge )

**Training of Master of Science**

( level of higher education )

**Level of higher education**

the second (Master of Science) level

Apprenticeship – 1 year 9 months  
on the basis of bachelor's degree

Educational qualification: Master in mathematics

**speciality**

**111 Mathematics**

( code and title of speciality )

**according to educational-research program**

**Pure mathematics (the English language of instruction)**

( code and title of program )

**specialization**

( code and title of specialization )

**Form of education full-time**

( full-time, by correspondence, distance )

**I. TIME-TABLE OF EDUCATIONAL PROCESS**

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	52				
1	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	C	C	C	C	K	K	K	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	C	C	C	C	K	K	K	K	K	K	K	K	K	K				
2	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	C	C	C	C	K	K	K	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T		
3																																																								
4																																																								
5																																																								
6																																																								

**II. TOTAL DAYS FROM THE TIME BUDGET, weeks**

Year	Theoretical studies	Examinations and tests	Trainings	Certification examination	Thesis preparation	Vacations	Total
1	34	8				12	52
2	30	6	6		4	3	39
3							
4							
5							
6							
Total	64	14	6	0	4	15	91

**LEGEND:**

T - theoretical studies  
C - examinations  
П - training  
K - vacations  
// - certification examination  
Д - thesis preparation and defence  
  
T/C- tests

**TRAININGS**

Title of training	Term	Weeks
Thesis scientific research training (no study leave granted)	4	6/7cr

**CERTIFICATION**

Certification examination	Master's thesis	Term
	<b>Master's thesis</b>	4



## 2. ELECTIVE COMPONENTS

### 2.1 Cycle of general training

Total cycle 2.1																							
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### 2.2 Cycle of professional training

1	Course BK01.1	2		1		5	150	48	32		16		102		3										
2	Course BK01.2	2		1		5	150	48	32		16		102		3										
3	Course BK02.1	3		1		6	180	64	32		32		116		4										
4	Course BK02.2	3		1		6	180	64	32		32		116		4										
5	Course BK02.3	3		1		6	180	64	32		32		116		4										
6	Course BK03.1	4		1		4	120	48	24		24		72		4										
7	Course BK03.2	4		1		4	120	48	24		24		72		4										
8	Course BK03.3	4		1		4	120	48	24		24		72		4										
<b>Total cycle 2.2</b>		<b>8</b>		<b>8</b>		<b>40</b>	<b>1200</b>	<b>432</b>	<b>232</b>		<b>200</b>		<b>696</b>		<b>6</b>	<b>12</b>	<b>12</b>								
<b>Total elective components</b>		<b>8</b>		<b>8</b>		<b>40</b>	<b>1200</b>	<b>432</b>	<b>232</b>		<b>200</b>		<b>696</b>		<b>6</b>	<b>12</b>	<b>12</b>								
<b>Total</b>						<b>120</b>	<b>3600</b>	<b>1000</b>	<b>456</b>		<b>360</b>	<b>120</b>	<b>2586</b>	<b>18</b>	<b>18</b>	<b>16</b>	<b>14</b>								
<b>Total per week</b>														<b>18</b>	<b>18</b>	<b>16</b>	<b>14</b>								
<b>Amount of four-level scale marks</b>		<b>15</b>												<b>4</b>	<b>4</b>	<b>3</b>	<b>4</b>								
<b>Amount of two-level scale marks</b>		<b>9</b>												<b>2</b>	<b>3</b>	<b>2</b>	<b>2</b>								
<b>Amount of tests</b>		<b>16</b>												<b>5</b>	<b>5</b>	<b>3</b>	<b>3</b>								
<b>Amount of term research works</b>		<b>2</b>													<b>1</b>	<b>1</b>									

**Note:**

Four-level evaluation scale: marks "excellent", "good", "satisfactory", "unsatisfactory"

Two-level evaluation scale: marks "passed", "not passed"

### SUMMARY

Title	Amount of ECTS-credits
Compulsory components	85
Elective components	40
Trainings	7
Thesis preparation	9
Research part	42
<b>Total amount of ECTS-credits</b>	<b>120</b>

Approved by the Scientific Council of V.N. Karazin Kharkiv National University  
minutes № 9 dd. 29.05.2023

Dean of School of mathematics and Computer Sciences

(signature, surname and initials)

Grygoriy ZHOLTKEVYCH

Guarantor of the program

amara FASTOVSKA