

Approved by the Academic Council of  
the Kyiv National University of  
Construction and Architecture Protocol  
# from 2024

Acting Rector \_\_\_\_\_ Denys  
CHERNYSHEV

“ \_\_\_\_\_ ” 2024

**MINISTRY OF EDUCATION AND SCIENCE OF UKRAINE**  
**Kyiv National University of Construction and Architecture**  
**STUDY PLAN**  
**Master's degree program in the curriculum “Project management”**  
**field of knowledge 12 “Information technology**  
**specialty 122 “Computer Science”**

Master's degree Master of Science in Computer  
Science

Duration of study 1 year 4 months  
on the basis of complete higher education

**Form of higher education is part-time**

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					
I	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	C	C	C	K	K	K	K	K	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	C	C	C	K	K	K	K	K	K	Π	Π	Π							
II	Π	Π	Π	Π	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	3M																																									

The number of rows is determined by the number of courses

DEFINITIONS: T - theoretical training; C - examination session;

Π - practice; K - vacation; AP - qualification work; 3M - defense of master's qualification work

**II. SUMMARY DATA ON THE TIME BUDGET, weeks**

Year	Theoretical training	Examination session	Practice	Certification	Performing certification work	Vacation	Total
I	32	6	3			11	52
II			3		13		16
Total	32	6	6		13	11	68

**III. PRACTICE**

Practice name	Semester	Weeks
Pre-diploma	3	7
Total	3	7

**IV. FINAL CERTIFICATION**

Name of the educational component	Attestation form	Semester
Qualification work	Defense of master's qualification work	3

V. EDUCATIONAL PLAN																									
Code	NAME OF THE TRAINING DISCIPLINES	Distribution by semester						Number of ECTS credits	Number of hours						Distribution of ECTS credits per week by courses and semesters				Department						
		Exams	Credits	Coursework		Calculation and Graphical Work	Test Work		Total volume	Contact			Selfwork	I year		II year									
				projects	works					including:				Semester											
									Total	lectures	Lab	Practice	Number of weeks in the semester												
													1	2	3	4									
										18	20	19	0												
<b>1. CURRICULUM'S MANDATORY COMPONENTS</b>																									
MC1	Innovation management in IT projects and digital transformation	1			1		4,5	135	26	6	0	20	109	4,5					48						
MC2	Mathematical models and methods in IT project management		1			1	3	90	14	2	0	12	76	3					48						
MC3	IT project management information technologies		1			1	3	90	20	2	18	0	70	3					48						
MC4	Theory and practice of business planning, examination and audit of IT projects		1			1	3	90	14	2	0	12	76	3					48						
MC5	Distributed Teams in IT project management		1			1	4,5	135	26	6	0	20	109	4,5					48						
MC6	Management of quality, risks and opportunities in IT projects		1			1	6	180	34	8	0	26	146	3	3				48						
MC7	Software testing		1			1	3	90	14	2	0	12	76	3					42						
MC8	Databases and knowledge in project management	1				1	3	90	14	2	0	12	76	3					48						
MC9	Professional foreign language		1			1	3	90	24	0	0	24	66	3					48						
MC10	R programming language and intelligent data processing in IT project management	1				1	4,5	135	30	6	24	0	105		4,5				48						
MC11	Pre-diploma practice		1				10	300	0	0	0	0	300				10		48						
MC12	Master's qualification work						20	600	0	0	0	0	600				20		48						
<b>Total</b>		<b>3</b>	<b>8</b>	<b>0</b>	<b>1</b>	<b>9</b>	<b>0</b>	<b>67,5</b>	<b>2025</b>	<b>216</b>	<b>36</b>	<b>42</b>	<b>138</b>	<b>1809</b>	<b>30</b>	<b>7,5</b>	<b>30</b>	<b>0</b>							
<b>2. CURRICULUM'S ELECTIVE COMPONENTS</b>																									
1	Elective courses		6				6	22,5	675	108	12	0	96	567		22,5									
<b>Total</b>			<b>6</b>			<b>0</b>	<b>6</b>	<b>22,5</b>	<b>675</b>	<b>108</b>	<b>12</b>	<b>0</b>	<b>96</b>	<b>567</b>	<b>0</b>	<b>22,5</b>	<b>0</b>								
<b>Total number:</b>																									
														<b>90</b>	<b>2700</b>	<b>324</b>	<b>48</b>	<b>42</b>	<b>234</b>	<b>2376</b>	<b>30</b>	<b>30</b>	<b>30</b>	<b>0</b>	
<b>Number of hours per week (no more)</b>														<b>24</b>	<b>24</b>	<b>24</b>									
<b>Number of exams</b>														<b>2</b>	<b>1</b>	<b>0</b>									
<b>Number of credits</b>														<b>7</b>	<b>7</b>	<b>1</b>									
<b>Number of course projects</b>														<b>0</b>	<b>0</b>	<b>0</b>									
<b>Number of coursework</b>														<b>1</b>	<b>0</b>	<b>0</b>									
<b>Number of Calculation and Graphical Works</b>														<b>9</b>	<b>1</b>	<b>0</b>									
<b>Number of control works</b>														<b>0</b>	<b>6</b>	<b>0</b>									

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