

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”

Form of higher education is full-time

Master's degree Master of Science in Computer
Science

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

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	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	II	II	II			
II	II	II	II	AP	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;
II - 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. ПРАКТИКА

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					Total	including	lectures		lab	Practice	Semester									
													Number of weeks in the semester												
													1	2	3	4									
											18	20	19	0											
1. CURRICULUM'S MANDATORY COMPONENTS																									
MC1	Innovation management in IT projects and digital transformation	1			1			4,5	135	48	24	0	24	87	4,5				48						
MC2	Mathematical models and methods in IT project management		1			1		3	90	32	16	0	16	58	3				48						
MC3	IT project management information technologies		1			1		3	90	32	14	18	0	58	3				48						
MC4	Theory and practice of business planning, examination and audit of IT projects		1			1		3	90	32	16	0	16	58	3				48						
MC5	Distributed Teams in IT project management		1			1		4,5	135	48	24	0	24	87	4,5				48						
MC6	Management of quality, risks and opportunities in IT projects		2			2		6	180	64	32	0	32	116	3	3			48						
MC7	Software testing		1			1		3	90	32	16	0	16	58	3				42						
MC8	Databases and knowledge in project management	1				1		3	90	32	16	0	16	58	3				48						
MC9	Professional foreign language		1			1		3	90	30	0	0	30	60	3				48						
MC10	R programming language and intelligent data processing in IT project management	1				1		4,5	135	48	24	24	0	87		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						
Total		3	9	0	1	10	0	67,5	2025	398	182	42	174	1627	30	7,5	30	0							
2. CURRICULUM'S ELECTIVE COMPONENTS																									
1	Elective courses		6				6	22,5	675	240	120	0	120	435		22,5									
Total			6			0	6	22,5	675	240	120	0	120	435	0	22,5	0								
Total number:															90	2700	638	302	42	294	2062	30	30	30	0
Number of hours per week (no more)															24	24	24								
Number of exams															2	1	0								
Number of credits															7	7	1								
Number of course projects															0	0	0								
Number of coursework															1	0	0								
Number of Calculation and Graphical Works															9	1	0								
Number of control works															0	6	0								

DEVELOPER:

Olena VERENYCH

APPROVED:

HEAD OF THE EDUCATIONAL DEPARTMENT

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HEAD OF THE EDUCATIONAL AND METHODOLOGICAL DEPARTMENT

IHOR SCLIAROV

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