

“Signed”

Vice-Presiden

MINISTRY OF EDUCATION AND SCIENCE OF UKRAINE

(name of central executive body, owner

V. N. Karazin Kharkiv National University

(full name of higher education institution

2 022p.

EDUCATION PLAN

PLAN

Master training in the "22-Healthcare" field of study
in specialty 222 - Medicine
per "Medicine" education and professional programme

Higher education level

second master's degree

Duration of education – 6 years based on complete secondary education

Qualification: doctor

Mode of study

full-time

J. EDUCATION PROCESS TIMELINE

II. SUMMARY DAYS OF TIME BUDGET, week

Year	Theoretical education	Section and Credit	Internships	Attestation	Graduation project	Vacation	
1	37	3			-	12	52
2	34	6			-	12	52
3	35	5			-	12	52
4	36	4			-	12	52
5	35	5			-	12	52
6	36	1		3	-	2	42
Total	0	0		3		0	302

ABBREVIATIONS

T - theoretical education

C-credit

S - Sección

V - vacation
// - attestation exam

P-practical training

PRACTICAL TRAINING

Name of Practical training	Semester	Weeks
Practical training as a physician	8	during the semester
Practical training as a physician	10	

ATTESTATION

ATTESTATION	
Attestation exam	Semester
Unified State Qualification Exam, Stage 1	6
Unified State Qualification Exam, Stage 2	12

III. EDUCATION PROCESS PLAN																														
SUBJECTS AND COURSEWORKS THAT ARE NOT A PART OF ANY PARTICULAR SUBJECT	Distribution per semester								Hours	Distribution of classroom hours per week across years and semesters																				
	Four-point grading system				Individual task		Auditoric hours including:				Semesters																			
	grad ed credit	grad ed credit	Two-point grad ing syste m	Two-point grad ing syste m	supervis ory work	supervis ory work	calc ulation and grap hic wor k	calc ulation and grap hic wor k	medic al file amou nt	medic al file amou nt	Credit	In total	In total	Lectur es	labor atory	Curr icul ums	practical work of st	1st year	2nd year	3rd year	4th year	5th year	6th year							
	exam	exam																1	2	3	4	5	6	7	8	9	10	11	12	
Weeks per semester																														
19	18	17	17	18	16	19	17	18	16	20	16	16	16	20	16	16	16	16	16	16	16	16	16	16	16	16				
1. EP Mandatory Components																														
MC 1	Ukrainian Language (for professional purposes)			1(1)	1(1)	-	-	3	90	30	0		-	30	60	1,58														
MC 2	History of Ukraine and History of Ukrainian culture			1(1)	-	-	-	3	90	30	20		10		60	1,58														
MC 3	Foreign language			1(1)	-	-	-	3	90	50	0			50	40	2,63														
MC 4	Philosophy			1(1)		-	-	3	90	40	20		20		50	2,11														
MC 5	Foreign language (for professional purposes)			4(1)	3(1)	-	-	6	180	70	0		-	70	110				2,06	2,06										
MC 6	Latin and medical terminology			2(1)	1(1)	-	-	-	3	90	54	0		-	54	36	2,00	0,95												
MC 7	Medical biology			2(1)	1(1)	-	-	-	4	120	70	12		-	58	50	2,50	1,25												
MC 8	Medical informatics			4(1)	-	4(1)		3	90	50	6		-	44	40			1,85	1,09											
MC 9	Medical chemistry			2(1)	1(1)	-	-	-	3	90	52	12		-	40	38	1,37	1,44												
MC 10	Medical and biologic physics			2(1)	1(1)	-	-	-	3	90	54	10		-	44	36	2,00	0,89												
MC 11	Biologic and bio-organic chemistry			4(1)	2(1), 3(1)	-	-	-	8	240	144	20		-	124	96		2,22	3,06	3,06										
MC 12	Human anatomy			3(1)	1(1), 2(1)	-	(1 pek)	-	-	14	420	250	30		-	220	170	6,53	4,22	2,94										
MC 13	Histology, cytology and embryology			3(1)	2(1)	-	(2 pek)	-	-	9	270	160	40		-	120	110		3,89	5,29										
MC 14	Physiology			4(1)	3(1)	-	(4 pek)	-	-	9	270	162	32		-	130	108			4,76	4,76									
MC 15	Microbiology, virology and immunology			5(1)	3(1), 4(1)	-	(3 pek)	-	-	8	240	144	24		-	120	96			2,76	2,76	2,78								
MC 16	Life safety, fundamentals of bioethics and biosafety; occupational safety					4(1)	-	-	-	3	90	54	4		-	50	36			1,59	1,59									
MC 17	Pathomorphology			6(1)	-	5(1)	-	-	-	6	180	108	38		-	70	72					3,22	3,12							
MC 18	Pathophysiology			6(1)	-	5(1)	-	-	-	6	180	108	38		-	70	72					3,22	3,12							
MC 19	Pharmacology			6(1)	-	5(1)	5(1), 6(1)	-	-	6	180	100	30		-	70	80					3,11	2,75							

MC 20	Hygiene and ecology	6(1), 11(1)	5(1)	5(1 pe)	-	8	240	130	20			110	110				2,67	2,62			2,00		
MC 21	Propaedeutics of internal medicine	6(1)			-	5(1), 6(1)	5	150	90	20		-	70	60			2,67	2,62					
MC 22	Propaedeutics of pediatrics	6(1)	5(1)	6(1 pe)	-	6(1)	5	150	90	20		-	70	60			2,67	2,62					
MC 23	General surgery	6(1)	5(1)	-	-	6(1)	5	150	90	20		-	70	60			2,67	2,62					
MC 24	Radiology	6(1)					3	90	54	10			44	36			1,66	1,50					
MC 25	Internal medicine including endocrinology	8(1)	7(1)	8(1 pe)	-	8(1)	8	240	144	14			130	96					4,35	3,61			
MC 26	Internal medicine including clinical pharmacology, clinical immunology and allergology, occupational diseases	10(1)	12(1)	11(1)		-	10(1), 12(2)	23,0	690	414	28		386	276					5,97	5,65	6,50	5,38	
MC 27	Pediatrics, and children's infectious diseases	10(1)	8(1), 11(1)	9(1)	-	-	10(1), 12(1)	16,0	480	288	14		-	274	192			2,00	2,00	1,62	1,54	4,50	
MC 28	Surgery including pediatric surgery, neurosurgery, Emergency and urgent medical care	10(1)	8(1), 11(1)	-	7(1pe)	-	8(1), 10(1), 12(1)	20	600	360	20		-	340	240			2,00	2,00	4,33	4,11	4,00	
MC 29	Obstetrics and gynecology, including medical genetics	10(1)	8(1), 11(1)	9(1)	-	-	8(1)	10	300	180	18			162	120				3,18	2,16	2,06	1,50	1,50
MC 30	Social medicine, public health	8(1)	12(1)	7(1)	-	-	-	7	210	120	20			100	90			2,22	2,22			2,50	
MC 31	Neurology	8(1)		7(1)	-	-	-	4	120	72	10			62	48			2,00	2,00				
MC 32	Infectious diseases including epidemiology and principles of evidence-based medicine, phthisiology	10(1)	9(1)		-	-		12	360	216	12			204	144				4,87	4,63	2,70		
MC 33	Clinical Anatomy and operative surgery		4(1)		-	-		3	90	40	10			30	50			2,35					
MC 34	Otorhinolaryngology		7(1)		-	-		3	90	40	6			34	50				2,10				
MC 35	Ophthalmology		8(1)		-	-		3	90	40	6			34	50				2,35				
MC 36	Physical rehabilitation, sports medicine		7(1)		-	-		3	90	40	6			34	50				2,10				
MC 37	Dermatology, venereology		7(1)		-	-		3	90	40	6			34	50				2,10				
MC 38	Psychiatry, narcology		8(1)	7(1)	-	-	-	3	90	54	6			48	36				1,50	1,50			
MC 39	Forensic medicine. Medical law of Ukraine		8(1)		-	-		3	90	40	6			34	50				2,35				

MC 40	Oncology and radiation medicine	9(1)		-	-		3	90	54	4		-	50	36								3,00					
MC 41	Traumatology and orthopedics	9(1)		-	-		3	90	50	10			40	40								2,77					
MC 42	Anesthesiology and intensive care	10(1)		-	-		3	90	50	10			40	40								3,12					
MC 43	Medical practice by speciality	9(1)		-	-		5	150	88	0			88	62								2,65	2,51				
MC 44	Urology	7(1)		-	-		3	90	40	6			34	50								2,10					
MC 45	General practice (family medicine)	11(1)		-	-		3	90	54	0			54	36								2,70					
Total in cycle EP																											
Mandatory Components		16	36	29	12	1	15	270	8100	4608	638		30	3940	3492	22,29	14,86	24,31	17,04	24,67	21,1	22,47	21,2	27,4	23,6	23,1	17,88

2. EP Elective Blocks (Components)

2.1 EP Elective Blocks (Components) for 1st course

EB1	Psychology of communication		2(1)				3	90	30	10			20	60		1,67								
EB2	Conflict in a medical profession		2(1)				3	90	30	10			20	60		1,67								
EB3	Molecular biology of the cell		2(1)				3	90	30				30	60		1,67								
EB4	Fundamentals of molecular genetics		2(1)				3	90	30				30	60		1,67								
EB5	History of medicine		2(1)				3	90	30	10			20	60		1,67								
EB6	History of religion		2(1)				3	90	30	10			20	60		1,67								
EB7	Fundamentals of embryology		2(1)				4	120	30	10			20	90		1,67								
EB8	Fundamentals of cytology		2(1)				4	120	30	10			20	90		1,67								
EB9	Fundamentals of professional career formation in medicine		2(1)				3	90	30	10			20	60		1,67								
EB10	Fundamentals of education in medicine		2(1)				3	90	30	10			20	60		1,67								
Total in cycle of EP Elective Blocks (Components) for 1st course (16 credits ECTS)			5				16	480	150	40			110	330		6,68								

2.2 EP Elective Blocks (Components) for 2nd course

EB 11	Deontology in medicine		3(1)				4	120	30	0			30	90		1,76								
EB 12	Etiquette in society and medicine		3(1)				4	120	30	0			30	90		1,76								

EB 63.1	Elective Block Military medical training. Training of health care reserve officers. Specialty "Medicine"	4(1)	3(1)			3	90	50	0		50	40		1,76	1,18				
EB 64.1	Elective Block Patient care (practice). Patient care in internal medicine	4(1)		-	-	5	150	36	0		-	36	114			2,12			
EB 64.2	Elective Block Patient care (practice). Care for patients in pediatrics	4(1)		-	-	5	150	36	0		-	36	114			2,12			
EB 64.3	Elective Block Patient care (practice). Patient care in surgery	4(1)		-	-	5	150	36	0		-	36	114			2,12			
EB 13	Basis of management in Health care system		4(1)			3	90	30	0			30	60			1,76			
EB 14	International systems of Health care organization		4(1)			3	90	30	0			30	60			1,76			
EB 15	Anatomical and physiological aspects of central and peripheral nervous system					4	120	30	0			30	90			1,76			
EB 16	physiological aspects of cardiovascular system					4	120	30	0			30	90			1,76			
EB 17	Foreign language of professional purposes		3(1), 4(1)			3	90	50	0			50	40			1,76	1,18		
EB 63.2	Elective Block Military medical training. Military medical training including Medicine of emergency situations, Battlefield medicine, Military hygiene		3(1), 4(1)			3	90	50	0			50	40			1,76	1,18		
	Total in cycle of EP Elective Blocks (Components) for 2nd course (19 credits ECTS)		1	5		19	570	176	0			176	394			1,76	8,58		

2.3 EP Elective Blocks (Components) for 3d courses

EB 18	Basis of planning of preventive programm		6(1)			3	90	30	0		30	60					1,87			
EB 19	Product examination		6(1)			4	120	30	0		30	90					1,87			
EB 20	Preventive nutrition		6(1)			3	90	30	0		30	60					1,87			
EB 21	Psychology of addictive (dependent) behavior		6(1)	-	-	3	90	30	0		30	60					1,87			
EB 22	Medical psychology		6(1)	-	-	3	90	30	0		30	60					1,87			

EB 65.1	Elective Block Nursing practice. Nursing practice in Internal medicine	5(1)	-	-	6	180	42	0	-	42	138				2,33				
EB 65.1	Elective Block Nursing practice. Nursing practice in pediatrics	5(1)	-	-	6	180	42	0	-	42	138				2,33				
EB 65.1	Elective Block Nursing practice. Nursing practice in surgery	5(1)	-	-	6	180	42	0	-	42	138				2,33				
EB 17	Foreign language of professional purposes	5(1), 6(1)			4	120	70	0		70	50				2,1	2			
EB 23	Fundamentals of personified therapy	5(1)			3	90	30	0		30	60				1,88				
EB 24	Pharmacogenetics	5(1)			3	90	30	0		30	60				1,88				
EB 25	Phytotherapy	5(1)	-	-	4	120	30	0		30	90				1,66				
EB 26	Modern aspects of the using of alternative methods of treatment in medical practice	5(1)	-	-	4	120	30	0		30	90				1,66				
EB 27	Fundamentals of sexology and sexopathology	6(1)	-	-	3	90	30	0		30	60				1,66				
EB 28	Foreign language (second language)	5(1), 6(1)			4	120	70	0		70	50				2,1	2			
Total in cycle of EP Elective Blocks (Components) for 3d course (16 credits ECTS)		1	5		16	480	132	0		132	348				3,99	5,62			

2.4 EP Elective Blocks (Components) for 4th course

EB 66.2	Elective Block Medical practice by speciality. Medical practice by speciality Surgery	8(1)	-	-	5	150	36	0		36	114						2,1
EB 66.3	Elective Block Medical practice by speciality. Medical practice by speciality Pediatrics	8(1)	-	-	5	150	36	0		36	114						2,1
EB 66.4	Elective Block Medical practice by speciality. Medical practice by speciality Obstetrics and Gynecology	8(1)	-	-	5	150	36	0		36	114						2,1
EB 33	Medical officers legal status in health care		7(1)			3	90	30	0		30	60					1,58
EB 34	Methods of visualization in instrumental investigation of internal organ diseases		7(1)			3	90	30	0		30	60					1,58
EB 35	Clinical electrocardiography and functional diagnosis of internal organ diseases		7(1)			3	90	30	0		30	60					1,58
EB 17	Foreign language of professional purposes	8(1)	7(1)	-	-	4	120	70	0		70	50					1,94 1,90
EB 63.1	Elective Block Military medical training. Training of health care reserve officers. Specialty "Medicine"	8(1)	7(1)	-	-	4	120	70	0		70	50					1,94 1,90
EB 63.2	Elective Block Military medical training. Military medical training including Medicine of emergency situations, Battlefield medicine, Military hygiene and epidemiology	8(1)	7(1)	-	-	4	120	70	0		70	50					1,9 2,00
	Total in cycle of EP Elective Blocks (Components)for 4th course (12 credits ECTS)		2	3			12	360	136			136	224				3,48 4,12

2.5 EP Elective Blocks (Components) for 5th course

Total in cycle of EP Elective Blocks (Components)s for 5th course (12 credits ECTS)		2	1	12	360	116	116	244	2,00	4,99	
2.6 EP Elective Blocks (Components) for 6th course											
EB 46	Main ultrasonic diagnosis in clinical medicine		12(1)		3	90	30	0	30	60	1,88
EB 47	Endoscopic technologies in medicine		12(1)		3	90	30	0	30	60	1,88
EB 48	Clinical parasitology and tropical medicine		11(1)		3	90	30	0	30	60	1,5
EB 49	HIV infection topical issues		11(1)		3	90	30	0	30	60	1,5
EB 50	Childish infectious diseases. Emergency conditions		12(1)	-	3	90	30	0	30	60	1,88
EB 51	Modern view on childish treatable infections		12(1)	-	3	90	30	0	30	60	1,88
EB 52	Topical issues of childish endocrinology		12(1)	-	3	90	30	0	30	60	1,88
EB 53	Vaccination standards in pediatrics		12(1)	-	3	90	30	0	30	60	1,88
EB 54	Immunization and immunotherapy		11(1)		3	90	30	0	30	60	1,5
EB 55	Innovations in allergiology		11(1)		3	90	30	0	30	60	1,5
EB 56	Geriatrics and hospice medicine		12(1)	-	3	90	30	0	30	60	1,88
EB 57	Palliative care		12(1)	-	3	90	30	0	30	60	1,88
EB 58	Adult basic and advanced life support		12(1)	-	3	90	30	0	30	60	1,88
EB 59	Paediatric basic and advanced life support		12(1)	-	3	90	30	0	30	60	1,88
EB 66.1	Elective Block Medical practice by speciality. Medical practice by speciality internal medicine		12(1)		6	180	60	0	60	120	3,76
EB 66.2	Elective Block Medical practice by speciality. Medical practice by speciality Surgery		12(1)		6	180	60	0	60	120	3,76
EB 66.3	Elective Block Medical practice by speciality. Medical practice by speciality Pediatrics		12(1)		6	180	60	0	60	120	3,76

summary

Назва	Credits amount ECTS
Compulsory disciplines including practices	270
Elective disciplines	90
Total	360

confirmed by the Academic Council

Confirmed by the Academic Council of university protocol
date 21 May 2022

Acting dean of medical faculty

Guarantor of educational program

Denys OKLEI

Yevhenii NIKOLENKO

Ch. W. Johnson