

MINISTRY OF PUBLIC HEALTH CARE OF UKRAINE

APPROVE

Acting Minister
of Ministry of Public Health Care of Ukraine

(signature) V. Shafransky

July 26, 2016

**EXAMPLE CURRICULUM
FOR TRAINING OF SPECIALISTS OF SECONDARY (MASTER’S) LEVEL OF
HIGHER EDUCATION IN KNOWLEDGE AREA 22 “HEALTH CARE”
IN THE HIGHER EDUCATIONAL INSTITUTIONS OF MPH OF UKRAINE
ACCORDING SPECIALTY 222 "MEDICINE"
QUALIFICATION OF EDUCATION “MASTER OF MEDICINE”
QUALIFICATION OF PROFESSION «DOCTOR»**

APPROVED Director of SE «Central Methodist Study Room for Higher Medical Education of the Ministry of Health of Ukraine» ____(signature)____ I.Melnyk July 22, 2019	APPROVED Acting Head of the Department of Education and Science of the Ministry of Health of Ukraine ____(signature)____ Y. Piatnitsky July 26, 2019
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Kyiv

2016

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Acting Minister
of Ministry of Public Health Care of Ukraine
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**EXAMPLE CURRICULUM
for training of specialists of secondary (master's) level of
higher education in knowledge area 22 "Health Care"
in the higher educational institutions of MPH of Ukraine
according specialty 222 "Medicine"
qualifications of education "Master of Medicine"
qualification of profession «Doctor»**

I. EXPLANATORY NOTE

1. Introduction

Pursuant to Article 10 of the Law of Ukraine dated 01.07.2014 No. 1556-VII "On Higher Education" (hereinafter - the Law of Ukraine "On Higher Education") and for the purpose of implementing the Resolution of the Cabinet of Ministers of Ukraine dated 29.04.2015 No. 266 "On Approval of the List of branches of knowledge and specialties in which the preparation of applicants for higher education is carried out", an example curriculum for the training of specialists of the second (master's) level of higher education of the knowledge industry 22 "Health" in the higher educational institutions of the Ministry of Health of Ukraine in the specialty 222 "Medicine" qualification of education "Master of Medicine", qualification of profession "Doctor" (hereinafter - the curriculum). The specified curriculum is prepared on the basis of the draft higher education standard of the second (master's) level of training of applicants for higher education of the master's degree of knowledge 22 "Health care" in specialty 222 "Medicine" (hereinafter - the Standard), prepared in accordance with the order of the Ministry of Health of Ukraine № 733 of 09/11/2015 "On creation of a coordination and working group for the formation of the list of specializations and proposals to the standards of higher education in the specialties of the branch of knowledge "Health" and approved about at the XIII All-Ukrainian Scientific and Practical Conference with International Participation "Topical Issues of Quality of Medical Education" (May 12-13, 2016, Ternopil) (hereinafter - the Conference).

This curriculum is developed taking into account the requirements of Article 13 "The powers of the Central Executive Body in the Field of Education and Science, Other Bodies to which the Higher Educational Institutions Belong", the Law of Ukraine "On Higher Education" to ensure the implementation in the work of higher education institutions of the Ministry of Health Of Ukraine (hereinafter referred to as the HEI of the Ministry of Health of Ukraine), the requirements of the paragraph of the third part of the second article 56 and part seven XV "Final and transitional provisions" of the Law of Ukraine "On Higher Education" and discussed at the meeting of vice-rectors for Academic Affairs (first vice-rectors), held May 13, 2016 in the Conference.

The curriculum is based on the European Credit Transfer and Accumulation System, which is oriented towards the recognition of students' achievements, regardless of place of study and taking into account the requirements of the European Union Directive on the Recognition of Professional Qualifications of 2005 (No 2005/36 / EC as amended by European Union Directive No. 2013/55 / EU).

2. Basic principles of curriculum and organization of educational process.

The curriculum is built on the European credit transfer and accumulation system.

2.1. The European Credit Transfer and Accumulation System (hereinafter referred to as ECTS) is a system of transfer and accumulation of credits that are used in the European Higher Education Area to provide, recognize, confirm qualifications and educational components and promotes academic mobility of higher education applicants. The system is based on determining the academic workload of the applicant for higher education necessary to achieve certain learning outcomes and is taken into account in ECTS credits.

A credit of the European Credit Transfer and Accumulation System (hereinafter referred to as ECTS credit) is a unit for measuring the volume of the academic load of a higher education applicant, which is necessary to achieve certain (expected) learning outcomes. The volume of one credit is 30 hours. The load of one academic year is 60 ECTS credits. ECTS credit includes all types of student work: classroom, independent, preparation for certification, passing the integrated license examinations "Krok 1" and "Krok 2", practically-oriented exam, practical training, course work, etc.

Forms of organization of the educational process and control for each academic discipline (final module control, exams, differentiated credit, credits) are determined independently by the Ukrainian Ministry of Health by decision of the academic council of a higher educational institution.

Provided that a test-examination session is held at the university of the Ministry of Health of Ukraine, it should be noted that the duration of theoretical training during the training period is determined as the difference in its total duration (40 weeks in the academic year) and the duration of the examination session, which is determined from the calculation: at least 2/3 weeks for the exam. The form of final control is an exam, recommended for academic disciplines, which are part of the integrated exams "Krok 1" and "Krok 2" and attestation.

Assessment of academic disciplines, the form of control for which is the final modular control and credit, regardless of the form of organization of the educational process, should be carried out taking into account the Instructions for assessing the educational activities of students in the context of the introduction of the European credit and transfer system for organizing the educational process, approved by the Ministry of Health of Ukraine 04.15.2014.

2.2. The list and number of disciplines of the curriculum is developed taking into account the acquisition by higher education applicants of integrated, general and special competencies according to the Standard.

2.3. The curriculum is structured in ECTS credits.

2.4. Students choose elective courses according to the curriculum on the principles of liberal learning and academic responsibility. The organization of studying courses at the choice of the HEI of the Ministry of Health of Ukraine is determined independently by the decision of the academic council of the educational institution, including by providing extra-curricular independent work of students on individual assignments (writing abstracts, coursework, performing clinical, graphic, calculation tasks, etc.), which are determined by the course syllabus.

Studying at least one elective course annually is mandatory. Taking into account the peculiarities of the industry and the specifics of the professional activity of specialists of professional qualification "Doctor", the implementation of paragraph 62 of Article 62 of the Law of Ukraine "On Higher Education" in full is impossible.

2.5. The curriculum takes into account the requirements of the European Union Directive on the Recognition of Professional Qualifications of 2005 (No 2005/36 / EC as amended by European Union Directive No 2013/55 / EC), according to which the duration of full-time basic (undergraduate) training of doctors should be at least 5500 hours theoretical and practical training on the basis of a higher education institution.

2. Key points

3.1. The curriculum consists of: 6 years of study or 360 ECTS credits. One academic year lasts 40 weeks and includes 60 credits (1 week – 1,5 ECTS credits); 1 ECTS credit is 30 academic hours. The academic year consists of 1800 academic hours. Students take medical practice in 2nd, 3rd, 4th and 5th courses.

The total training load includes time for lectures, practical, seminar and laboratory classes, consultations, practices, independent and individual work and testing activities.

The weekly classroom load for students is 22,5-23,8 class hours. The volume of independent work is in the range of 47,0-54,1% of the total.

3.2. The course schedule of 1-6 courses consists mainly of two semesters.

It is recommended in the schedule (if necessary) to provide an additional term for the completion of the study of individual modules in the disciplines (their transfer, upgrades, etc.) - 1-2 weeks after the end of the semester in 1-5 courses. Within this period, after the third year, the licensed integrated examination "Step 1" is provided.

The twelfth semester of the 6th course provides, in addition to training students, the preparation for graduation certification and its conduct.

3.3. The curriculum includes two stages of undergraduate doctoral training: pre-clinical and clinical. The structure of the syllabus is substantially integrated and focused on the logical sequence of teaching the disciplines that make up certain cycles of preparation: humanitarian and socio-economic, natural science and professional.

3.4. The volumes of studying the humanitarian and socio-economic disciplines of the HEI of the Ministry of Health of Ukraine are determined independently by the decision of the academic council of the higher educational institution, taking into account the requirements of the relevant orders and orders of the Ministry of Education and Science of Ukraine. Physical education is not included in the total number of ECTS credits; have no forms of final control; can be organized according to the following basic models or different forms of their association: special; professionally oriented; traditional; individual, taking into account the explanations of the Ministry of Education and Science of Ukraine in the letter dated 25.09.2015 № 1 / 9-454.

3.5. The list and names of the disciplines of the syllabus are formed in accordance with their names in the curricula of the medical faculties and medical universities of Europe and ensure the acquisition by the applicants of higher education of integral, general and special (professional) competences according to the Standard.

The discipline "Fundamentals of bioethics and biosafety" is included in the discipline "Life safety, basics of bioethics and biosafety" with a total capacity of 3 credits (90 hours, 40 of which are classroom). 1,5 credits (45 hours, 20 of which are auditorium) should be provided for the study of Bioethics and Biosafety.

The discipline "Medical Law of Ukraine" is included in the discipline "Forensic Medicine. Medical Law of Ukraine" with a total capacity of 3 credits (90 hours, 50 of which are classroom). For the study of the medical law of Ukraine it is necessary to provide 1,5 credits (45 hours, of which 20 classroom).

The disciplines "Endocrinology", "Medical genetics", "Clinical pharmacology", "Clinical immunology and allergology", "Occupational diseases" are included in the discipline "Internal medicine" with a total volume of 32,5 credits (975 hours, 660 of which are auditoriums) . At the same time, it is recommended to provide 2 credits (60 hours, of which 40 classroom) in 4th year of study for the study of the discipline "Endocrinology"; discipline "Medical genetics" - 1 credit (30 hours, 20 of them are classroom) in 4th year of study; discipline "Clinical Pharmacology" - 1 credit (30 hours, of which 20 classrooms) in 5th year of study; discipline "Clinical Immunology and Allergology" – 2,5 credits (75 hours, 40 of them are classroom) in 5th year of study; discipline "Occupational diseases" – 1,5 credits (45 hours, of which 20 classroom) in 5th year of study.

When studying the discipline "Surgery, including pediatric surgery, neurosurgery" for 5 years of study (7 credits, 225 hours, 130 of which are classroom) provide 1.5 credits (45 hours, 30 of which are classroom) for the study of pediatric surgery and 1,5 credits (45 hours, 30 of which are classroom) for the study of neurosurgery.

When studying the discipline "Pediatrics with pediatric infectious diseases" in 5th year of study (5 credits, 150 hours, 80 of which are classroom) to provide 1,5 credits (45 hours of total load) for the study of pediatric infectious diseases.

Discipline "Radiation medicine" is included in the discipline "Oncology and radiation medicine" with a total volume of 4 credits (120 hours, of which 60 classroom) in 5th year of study. 1,5 credits (45 hours, of which 20 classrooms) should be provided for the study of the discipline "Radiation medicine".

When studying the discipline of Pediatrics with Pediatric Infectious Diseases in 6th year of study (10,5 credits, 315 hours, 180 of which are classroom), provide 2,5 credits (75 hours of total load) for the study of infectious diseases of children.

When studying the discipline "Surgery, including pediatric surgery" in 6th year of study (10 credits, 300 hours, of which 150 classrooms) to provide 1 credit (30 hours total load) for the study of pediatric surgery and 1 credit (30 hours total load) on the study of oncology.

In 4th -6th years of training in transitional disciplines "Obstetrics and Gynecology", "Internal Medicine" "Pediatrics", "Surgery, including pediatric surgery" the introduction of semester control is recommended.

Teaching a course of choice "Clinical aspects of immunoprophylaxis" can be carried out in combination with the Departments of Epidemiology, Pediatric Infectious Diseases based on the capabilities of the clinical bases of the Departments.

When studying the disciplines at the HEI of the Ministry of Health of Ukraine, it is necessary to take into account the cross-cutting programs approved by the Ministry of Health of Ukraine: "Prevention of HIV-infection, prevention of transmission from mother to child, diagnosis, treatment of HIV-infected people and social and psychological support of people living with HIV", " Consistent study of the basics of transplantology ", " Cross-cutting program of training students of medical faculties of higher medical institutions of IV level of accreditation and interns for mastering practical skills and methodics required to work in the positions of doctors in the specialty "General practice - family medicine", "Palliative and hospice medicine".

3.6. Clinical disciplines "Internal Medicine", "Surgery", "Pediatrics" are structured into modules, which are studied by rotating modules (module block) in 4-5th years of study.

3.7. The practical training of students is carried out in the form of industrial practice and professional clinical practical training of students.

Medical practice for 2nd and 3rd years of training is carried out during the academic year:

- Patients' care - in 2nd year of study (5 credits, 150 hours, in 4th semester in the wards);
- Nursing practice - in 3rd year of study (3 credits, 90 hours in 6th semester in the wards).

Industrial medical practice in 4th year of study (5 credits, 150 hours) and in 5th year of study (5 credits, 150 hours) is carried out during the school year or in the summer period by the decision of the Academic Council of the higher education institution. Professional clinical practical training of students for 4-6 years of study is carried out during the study of clinical disciplines and during industrial practice.

Requirements for the practical training of students are set out in the programs for industrial practice and in all curricula for clinical disciplines, including in the end-to-end curricula for internal medicine, pediatrics, surgery, obstetrics and gynecology. The amount of practical work of students in the outpatient setting is at least 25% of the number of academic hours provided for practical training in the discipline. A form of control of industrial practice for 4 and 5 years of study is differentiated credit.

3.8. The timetable of classes is recommended to be prepared as follows: for 1-3 years of study - on "tape" or block-modular or mixed principles; for 4-6 years of study - on a modular-cycle principle by rotating modules.

3.9. Graduate attestation includes a standardized test exam and a practice-oriented final exam.

The Standardized Test Exam - the Licensed Integrated Exam - consists of two test exams, Step 1 and Step 2. The Step 1 test exam is an integrated exam that takes place after 3rd year of study and measures the quality of the professional component of basic higher education. The Step 2 test exam is a component of the certification of graduates of higher education institutions and measures the quality indicators of the professional component of a complete higher medical education.

Practically oriented examination is conducted in the form of final exams or comprehensive final exam and consists of the following disciplines: "Internal medicine with infectious diseases", "Surgery, including pediatric surgery", "Obstetrics and gynecology", "Pediatrics with pediatric infections,

“Hygiene, social medicine, public health”. The form of the practical examination is determined by the higher education institution.

3.10. The aforementioned curriculum is exemplary, and the academic council of the higher education institution may make changes in the distribution of hours between disciplines within 15% of the total number of hours. At the same time, assimilation of the content of the educational disciplines should be ensured taking into account the programs of these disciplines, approved by the Ministry of Health of Ukraine.

3.11. The discipline "Training of reserve officers" of the branch of knowledge "Health" of the specialty "Medicine" is carried out in accordance with the program developed by specialists of the Ministry of Defense of Ukraine, which is taught in 2nd – 5th years of study. The total capacity of the course is 29 credits, but 10 ECTS credits (300 hours, 170 of which are part of the classroom) are included in this sample curriculum.

When studying the discipline "Training of reserve officers" of the branch of knowledge "Health" of the specialty "Medicine" it should be borne in mind that the program of military training of citizens consists of two sections: "Military-oriented modules" and "Military training".

The first section "Military Oriented Modules" includes modules of 10 credits, which are included in this sample curriculum, which include, among other things, the subject of "military-specific" content modules introduced in execution of the resolution of the Supreme Council of Ukraine from 17.04. 2014 No. 1220-VII “On additional measures to strengthen the defense capability of Ukraine” and, accordingly, by letter of the Deputy Minister of Health of Ukraine dated 27.05.2014 No. 08.01-47 / 14524. This section is studied by all applicants for higher education at the HEI of the Ministry of Health of Ukraine regardless of the citizen's need to study military training under the program of officers of the reserve of medical service.

The second section of the discipline "Training Officers of the Reserve" of the branch of knowledge "Health Care" specialty "Medicine" in the amount of 19 credits is studied by citizens on a voluntary basis at the expense of individuals or by public order at the expense of the state budget.

Director of SE «Central

Methodist Study Room for Higher

Medical Education of the MH of Ukraine»

____(signature)____

I.Melnyk

II. Curriculum
of Masters' training in specialty 222 «Medicine»
2.1. according to years of study
1st year of study: academic weeks – 40

	Title of the subject	ECTS credits	Amount of hours					
			Total	in Class	Lectures	Seminars	Practical	I W
1	Foreign Language	3	90	50	0		50	40
2	Latin Language and Medical Terminology	3	90	70	0		70	20
3	Ukrainian Language (professional)	3	90	30	0		30	60
4	History of Ukraine and Ukrainian culture	3	90	30	20	10		60
5	Philosophy	3	90	40	20	20		50
6	History of Medicine	3	90	20	10	10		70
7	Life safety; Fundamentals of Bioethics and Biosafety	3	90	40	20	20		50
8	Medical Biology	5,5	165	90	20		70	75
9	Medical and Biologic Physics	4	120	80	20		60	40
10	Biologic and Bioorganic Chemistry	3	90	40	10		30	50
11	Medical Chemistry	4	120	70	20		50	50
12	Human Anatomy	11,5	345	200	20		180	145
13	Histology, Cytology and Embryology	7	210	90	20		70	120
14	Elective Courses	4	120	20	10		10	100
15	Physical Education		160	30	0		30	130
	Total for 1st year	60,0	1960	900	190	60	650	1060
	Average number of acad. hours per week			22,5			16,3	26,5
	Курсы по выбору: <i>1. Fundamentals of Psychology. 2. Fundamentals of Pedagogics. 3. Theory and Practice of Professional Language Communication. 4. Speech Culture. 5. World Civilization. 6. Country Studies. 7. European Standard of Computer Literacy. 8. Psychology of Communication. 9. Esthetics. 10. Ethics. 11. Modern Issues of Molecular Biology. 12. Sociology and Medical Sociology. 13. Law. 14. Religion Studies. 15. Culturology. 16. Fundamentals of Economic Theories.</i>							

2nd year of study: academic weeks – 40

	Title of the subject	ECTS credits	Amount of hours					
			Total	in Class	Lectures	Seminars	Practical	I W
1	Foreign Language (professional)	6	180	70	0		70	110
2	Human Anatomy	3	90	60	10		50	30
3	Histology, Cytology and Embryology	4,5	135	70	20		50	65
4	Physiology	10	300	180	50		130	120
5	Biologic and Bioorganic Chemistry	6,5	195	130	30		100	65
6	Microbiology, Virology, Immunology	5,5	165	90	20		70	75
7	Clinical Anatomy and Operative Surgery	3	90	40	10		30	50
8	Labour Protection in Medicine	3	90	30	10		20	60
9	Medical Informatics	3,5	105	50	6		44	55
10	Patients' Care (practice)	5	150	30	0		30	120
11	"Training Officers of the Reserve" of the branch of knowledge "Health Care" specialty "Medicine"	3	90	50	0		50	40
12	Hygiene and Ecology	3	90	50	20		30	40
13	Elective Courses	4	120	20	0		20	100
14	Physical Education		160	30	0		30	130
	Total for 2nd year	60,0	1960	900	176	0	724	1060
	Average number of acad. hours per week			22,5			18,1	26,5
	Курсы по выбору: <i>1. European Standard of Computer Literacy .2.Logics. Formal Logics .3.Deontology in Medicine.4.Physical Education and Health.5.Modern Issues of Biophysics.6.Foreign Language (second). 7.Fundamentals of Patent Science.</i>							

3rd year of study: academic weeks – 40

	Title of the subject	ECTS credits	Amount of hours					
			Total	in Class	Lectures	Seminars	Practical	I W
1	Microbiology, Virology, Immunology	3	90	60	10		50	30
2	Pathomorphology	7	210	110	40		70	100
3	Pathophysiology	7	210	110	40		70	100
4	Pharmacology	7	210	100	30		70	110
5	Hygiene and Ecology	3	90	50	10		40	40
6	Social Medicine and Public Health	3	90	50	20		30	40
7	Propedeutics of Internal Medicine	6	180	100	30		70	80
8	Propedeutics of Pediatrics	5	150	100	30		70	50
9	General Surgery	6	180	100	30		70	80
10	Radiology	4	120	80	20		60	40
11	Medical Psychology	3	90	30	10		20	60
12	Nursing Practice	3	90	30	0		30	60
13	Elective Courses	3	90	20	10		10	70
	Step 1		30	10				20
	Total for 3rd year	60,0	1830	950	280		660	860
	Average number of acad. hours per week			23,8			16,5	21,5
	Attestation (1 week) after sixth semester: standardized test (licensed integrated) exam «Step 1. General Medicine»							
	Elective Courses: <i>1.Modern methods of Genetic Diagnostics.2.Epistemiology and Medicine.3.EthicProblems in Medicine. 4.Fundamentals of Social Psychology. 5.Nutrition.6.Drugs Side Effects.7.Physical Education and Health.8. Foreign Language (second).9. Foreign Language (professional).10.Medicine and Art.11.Fundamentals of Christian Ethics and Moral.</i>							

4th year of stud: academic weeks – 40

	Title of the subject	ECTS credits	Amount of hours					
			Total	in Class	Lectures	Seminars	Practical	I W
1	Internal Medicine including , Endocrinology, Medical Genetics	8	240	190	40		150	50
2	Pediatrics	4,5	135	80	10		70	55
3	Surgery	4,5	135	80	10		70	55
4	Obstetrics and Gynecology	3	90	50	10		40	40
5	Social Medicine and Public Health	3	90	40	10		30	50
6	Urology	3	90	40	6		34	50
7	Otorhinolaryngology	3	90	40	6		34	50
8	Ophthalmology	3	90	40	6		34	50
9	Neurology	4	120	80	10		70	40
10	Psychiatry, Narcology	3	90	60	10		50	30
11	Dermatology, Venereology	3	90	40	6		34	50
12	Physical Rehabilitation, Sports Medicine	3	90	40	10		30	50
13	Forensic Medicine. Medical Law of Ukraine	3	90	50	16		34	40
14	Medical Practical Training	5	150	30	0		30	120
15	"Training Officers of the Reserve" of the branch of knowledge "Health Care" specialty "Medicine"	4	120	70	20		50	50
16	Elective Courses	3	90	20			20	70
	total for 4th year	60,0	1800	950	170		780	850
	Average number of acad. hours per week			23,8			19,5	21,3
	Курсы по выбору: <i>1.Clinical Physiology. 2.Clinical Biochemistry.3.Fundamentals of Homeopathy.4.Phytotherapy.5.Fundamentals of Prophylaxis of Smoking, Alcoholism, Toxicomania and Narcotics Abuse. 6.Fundamentals of Psychoanalysis.7. Physical Education and Health.8.Medical Subculture.9. Topical Issues of Phytotherapy, Balneology and Rehabilitation.10. Foreign Language (professional).11. Metodology of Evidence Medicine.12. Fundamentals of Christian Ethics and Moral.</i>							

5th year of Study: academic weeks – 40

	Название учебной дисциплины	Кредит ЕКТС	Amount of hours					
			Total	in Class	Lectures	Seminars	Practical	I W
1	Internal Medicine including clinical Pharmacology, Clinical Immunology and Allergology, Occupational Diseases	10	300	200	30		170	100
2	Infectious Diseases	3,5	105	100	10		90	5
3	Epidemiology and Principles of Evidence Medicine	3	90	40	10		30	50
4	Oncology and Radiation Medicine	4	120	60	10		50	60
5	Pediatrics with Pediatric Infectious Diseases	5	150	80	10		70	70
6	Surgery, including Pediatric Surgery and Neurosurgery	7,5	225	130	20		110	95
7	Traumatology and Orthopedics	3	90	50	10		40	40
8	Obstetrics and Gynecology	4	120	70	10		60	50
9	Phthysiology	3	90	40	10		30	50
10	Anesthesiology and Intensive Care	3	90	50	10		40	40
11	Emergency Medical Aid	3	90	30	4		26	60
12	Medical Practical Training	5	150	30	0		30	120
13	"Training Officers of the Reserve" of the branch of knowledge "Health Care" specialty "Medicine"	3	90	50	0		50	40
14	Elective Courses	3	90	20	0		20	70
	Total for 5th year	60,0	1800	950	134		816	850
	Average number of acad. hours per week			23,8			20,5	21,3
	Elective Courses: <i>1.Sectional Course.2.Fundamentals of Dentistry.3.Medical Genetics.4.Radiation Medicine.5.VascularSurgery.6. Physical Education and Health . 7. Foreign Language (professional).8.Age Aspects of Pharmacotherapy. 9.Fundamentals of Sexology and Sexopathology.10.Fundamentals of Reflexotherapy.11.Fundamentals of Geriatry and Gerontology.12.Instrumental Methods of Functional Diagnostics. 13. Topical Issues of Rheumatology. 14. Topical Issues of Gastroenterology. 15. Topical Issuesof Pulmonology. 16. Topical Issues of Neurology. 17. Topical Issues of Clinical Pathomorphology.18.Endoscopic Theories in Obstetrics and Gynecology. 19. Fundamentals of Christian Ethics and Moral..</i>							

6th year of Study: academic weeks – 40,
including 3 weeks for attestation

	Название учебной дисциплины	Кредит ЕКТС	Amount of hours					
			Total	in Class	Lectures	Seminars	Practical	I W
1	Internal Medicine	14,5	435	270			270	165
2	Pediatrics with Pediatric Infectious Diseases	10,5	315	180			180	135
3	Surgery, including Pediatric Surgery	10	300	150			150	150
4	Obstetrics and Gynecology	4,5	135	60			60	75
5	Infectious Diseases	3	90	50			50	40
6	General Practice (Family Medicine)	4,5	135	60			60	75
7	Palliative and Hospice Medicine	3	90	40			40	50
8	Hygiene and Ecology	3	90	40			40	50
9	Social Medicine and Public Health	3	90	40			40	50
10	Elective Courses	4	120	20			20	100
	Step 2							
	Total for 6th year	60,0	1800	910			919	890
	Average number of acad. hours per week			22,8			22,8	22,3
<p>Аттестация (3 недели): стандартизированный тестовый (лицензионный интегрированный) экзамен «Крок 2. Общая врачебная подготовка» и практически-ориентированный экзамен Attestation (3 weeks): standardized test (licensed integrated) exam «Step 2. General Medicine», practically oriented exams</p>								
<p>Elective Course: 1. Clinical Microbiology, Virology, Immunology. 2. Topical Issues of ENT-pathologies. 3. Non-drugs Methods of Treatment and Rehabilitation. 4. Endocrinology. 5. Organizational Bases of Family Medicine. 6. Fundamentals of Transplantology. 7. Clinical Parasitology and Tropical Medicine. 8. Topical Issues of HIV infection. 9. Management and Marketing in Health Care. 10. Emergency Medicine. 11. Plastic and Reconstructive Surgery. 12. Topical Issues of Cardiosurgery. 13. Organizational Bases of Palliative and Hospice Medicine. 14. Topical Issues of Neurosurgery. 15. Topical Issues of Hematology and Transfusiology. 16. Topical Issues of Cardiology. 17. Topical Issues of Nephrology. 18. Topical Issues of Clinical Immunology and Allergology. 19. Clinical Aspects of Immunoprophylaxis. 20. Medical Aspects of Bioethics and Biosafety. 21. Physical Education and Health. 22. Topical Issues of Cerebrovascular Pathology. 23. Evidence Medicine. 24. Foreign Language (professional).</p>								