

**MINISTRY OF PUBLIC HEALTH OF UKRAINE**

**KHARKIV NATIONAL MEDICAL UNIVERSITY**

The department of social science

Academic year 2021/2022

**SYLLABUS OF THE EDUCATIONAL COMPONENT**

**«HISTORY OF HEALTH CARE IN KHARKIV»**

Electoral educational component

Form of education: full-time education

Branch of knowledge 22 «Health Care»

Specialization 222 General Medicine

Educational and professional program «Medicine»

Second (Master) level of higher education

First year

Syllabus of study discipline  
approved at meeting of the  
Department of Social Sciences  
of the KhNMU

Protocol of  
“30” August 2021 № 7

Approved by the methodic commission  
KNMU on the problem of general and  
pre-professional training

Protocol of  
“31” August 2021 № 7

Head of Department

  
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Compilers of the syllabus:

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Information about the teachers who teach the educational component

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Professional interests, links to the teacher's profile (on the website of the university, department, in the Moodle system, etc.): history, culturology

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Consultations according to the schedule posted on the information stand of the department and in the cathedral directory in the MOODLE system (<http://distance.knu.edu.ua/course/view.php?id=107>)

Location:

Ave. Nauki, 4, Kharkiv, Kharkiv National Medical University, Main Building, 3rd floor, Department of Social Sciences

The syllabus of the discipline "HISTORY OF HEALTH CARE IN KHARKIV" is compiled in accordance with the educational professional program (hereinafter - EPP) "Medicine" and the Standard of Higher Education of Ukraine (hereinafter - the Standard), the second (master's) level, field of knowledge 22 "Health care", specialization 222 "General Medicine"

**Course description.**

"History of Health Care in Kharkiv" is an elective discipline that comprehensively reveals the stages, patterns and features of development of the city medical network during the 18th to the beginning of 21st century. The specificity of the course is that the history of Kharkiv health care is studied in the context of specific conditions of a particular historical epoch, socio-political system, in connection with history of Ukraine and its periodization.

**The subject of study.** Studying the history of the organization and local conditions of health care development will facilitate development of firm conceptual foundations of the new medical model, provide understanding of a value of the material heritage in this area at the local level, which in itself is a guarantee of ill-considered decisions. Reforming the health care system in Ukraine requires from doctors, including health care administrators, to have knowledge and critical thinking about historical experience. Thus, the course provides knowledge that significantly affects a practice of future doctors in terms of forming responsibility for the legacy of historical development of the Kharkiv medical network.

**Interdisciplinary connections.** The study of the discipline is associated with the mastery of disciplines taught in the I-VI years: "History and culture of Ukraine", "Philosophy", "Study of Culture", "Ethnography", "Political Science", "Medical Studies", "Ethics", "Religious Studies", "Medical Kharkiv in Personalities", "Medicine and Politics". "History and Culture of Ukraine" is objectively integrated with the disciplines "Medicine and Art Culture", "Medical Subculture", "Fundamentals of Christian Ethics and Morality", "Fundamentals of Economic Theories" and others.

**Prerequisites.** The study of the discipline involves prior mastering of subjects that give a basic idea of society: "History and Culture of Ukraine", "Medical Local Lore", "Philosophy", "Sociology".

**Postrequisites.** "History of health care in Kharkiv" is objectively integrated with disciplines that provide further training of medical students: "History of the Modern World", "Philosophy", "Study of Culture", "Ethnography", "Political Science", "Medical Local Lore", "Ethics", "Religious Studies", "Medical Kharkiv in Personalities", "History of Health Care in Kharkiv", "Medicine and Politics". "History and Culture of Ukraine" is objectively integrated with the disciplines "Medicine and Art Culture", "Medical Subculture", "Fundamentals of Christian Ethics and Morality", "Fundamentals of Economic Theories".

**1. The purpose and objectives of the course**

1.1. The purpose of studying the discipline is to form students' basic knowledge about the patterns and regional specifics of the city medical network, the relationship of that development with the socio-political processes of different historical periods, updating the professional consciousness of future doctors and health care organizers.

1.2. The main tasks of studying the discipline are to ensure that students acquire the competencies defined in accordance with the requirements of the standard.

1.3. Competences and learning outcomes, the formation of which is facilitated by the discipline (relationship with the normative content of training of higher education, formulated in terms of learning outcomes in the EPP and Standard).

1.3.1. The study of the discipline provides students with the acquisition of competencies:

Integral:

ability to solve typical and complex specialized tasks and practical problems in professional activities in the field of health care, or in the learning process, which involves research and / or innovation and is characterized by complexity and uncertainty of conditions and requirements.

General:

GC1 – Capacity for abstract thinking, analysis and synthesis; ability to study and be modernly trained

GC2 – Capacity for using knowledge in practical situations

GC4 – Capacity for adapting and acting in a new situation

GC5 – Capacities for making sound judgements and for working in a team; skills of interpersonal interaction

GC6 – Capacity for communicating in the state language both in the oral and written forms; Capacity for communicating in a foreign language

GC7 – Skills of using informative and communicative technologies

GC9 – Capacity for acting in the socially responsible and conscious way

Professional:

PC1 – Skills of questioning

PC15 – Capacity for carrying out epidemiological and medical-statistical studies of the health of population; processing of state, social, economic and medical information

PC16 – Capacity for assessing effects of environmental, socioeconomic and biological determinants on the state of human health in individuals, families and populations.

PC17 – Capacity for analyzing the activity of a doctor, unit, health care institution, and for taking measures in order to provide quality and safety of medical aid and increase the efficacy of using medical resources

1.3.2. The study of the discipline provides students with the acquisition of the following program results of training:

Knowledge and understanding:

PRT 1 – to have general and special fundamental and profession-oriented knowledge, abilities, skills and competences required for carrying out typical professional tasks, which are associated with activity in the medical field in a particular position

Use of knowledge and understanding:

PRT 4 – to collect information about the patient

PRT 5 – to evaluate results of questioning, physical examination, data of laboratory and instrumental methods of examination

Formation of judgements:

PRT 20 – to apply the acquired knowledge about the current system of health care for optimization of one's own professional activity and participation in performing practical tasks in the field

PRT 21 – to adhere to the ethical code of the doctor, which ensures the formation of a specialist with appropriate personal qualities

1.3.3. The study of the discipline provides students with the following social skills (Soft skills): communication skills, leadership, responsibility, ability to work in critical conditions, resolve conflicts, work in a team, manage their time, make decisions independently, think critically.

## 2. INFORMATION SCOPE OF THE COURSE

Name of indicators	Field of knowledge, specialization, educational and qualification level	Characteristics of the discipline	
		full-time education	evening form of study (absent)
Number of credits - 3	Branch of knowledge: 22 "Health care"	Elective	
The total number of hours is 90	Specialization: 222 "Medicine"	<b>The year of preparation:</b>	
		2nd	-
		<b>Semester</b>	
		1 <sup>st</sup> , 2 <sup>nd</sup>	-
Hours for full-time study: classrooms - 30 individual student work - 70	Educational and qualification level: II master's level EPP "Medicine"	<b>Lectures</b>	
			-
		<b>Practical, seminar</b>	
		20 hours	-
		<b>Laboratory</b>	
		-	-
<b>Individual work</b>			
70 hours	-		

		<b>Individual tasks:</b> -
		<b>Type of control: current, credit</b>

## 2.1 Description of the discipline

### 2.2.2 Seminars

№	Topic title	Quantity of hours	Teaching methods	Forms of control
1	Topic 1. Introduction to the course "History of Health Care in Kharkiv"	2	problem-based learning, business games, brainstorming, group work, developmental learning, multilevel learning, heuristic conversations, discussions and debates, presentation method, project-based learning method, organization of excursions to museums and exhibitions	Oral interview, test survey in the MOODLE system
2	Topic 2. Development of health care in Kharkiv from its foundation to the Great Reforms of the 60-70s of the 19th century.	2		
3	Topic 3. Development of health care in the post-reform period (60s of the 19th century – 1917)	2		
4	Topic 4. Health care in Kharkiv during the interwar period (1919-1941)	2		
5	Topic 5. Health care in Kharkiv during the Nazi occupation (1941-1943)	2		
6	Topic 6. Kharkiv health care in the postwar Soviet period (1945-1991)	5		
7	Topic 7. State of health care in Kharkiv in independence time	5		
	<b>Total</b>	20		

**2.2.3 Practical classes are not provided**

**2.2.4. Laboratory classes are not provided**

**2.2.5. Individual work**

№ з/п	Topic title	Quantity of hours	Teaching methods	Forms of control
1	Topic 1. Introduction to the course "History of Health Care in Kharkiv"	10	problem-based learning, group work, multilevel learning, presentation method, project learning method	Oral interview, test survey in the MOODLE system, participation in scientific conferences
2	Topic 2. Development of health care in Kharkiv from its foundation to the Great Reforms of the 60-70s of the 19th century.	10		
3	Topic 3. Development of health care in the post-reform period (60s of the 19th century – 1917)	10		
4	Topic 4. Health care in Kharkiv during the interwar period (1919-1941)	10		
5	Topic 5. Health care in Kharkiv during the Nazi occupation (1941-1943)	10		
6	Topic 6. Kharkiv health care in the postwar Soviet period (1945-1991)	10		
7	Topic 7. State of health care in Kharkiv in independence time	10		
	<b>Total</b>	<b>70</b>		

Teaching methods. During lectures and practical lessons it is recommended to use such pedagogical methods: problematic education, business games, «brain storm», work in groups, developing education, multilevel training (taking into account the abilities of different students), heuristic conversations, debates and discussions, preparing report-presentations, method of project training (preparing by student the independent research project), excursions to museums and exhibitions.

Methods of control (only those used in teaching the discipline are given):



Current control. During the current control methods of individual and face-to-face interviews, written testing, writing creative works (essays, reviews, reviews, own statements), microphone method, problem solving, work with sources and scientific literature, watching movies with further discussion are used, work in groups, verification tests.

Final control is carried out at the last lesson in the form of the final lesson, which includes control of all types of training provided by the curriculum. According to the results of educational activities, a test is set on a two-point scale "credited" - "not credited". A grade on a traditional scale is also given.

### 3. EVALUATION CRITERIA

3.1. Evaluation of the success of students' education is carried out on the basis of "Instructions for evaluating the educational activities of higher education students in KhNMU" (Table 2).

Table 2

Recalculation of the average score for current activities in a multi-point scale (for disciplines ending with a credit)

4-point scale	200-point scale	4-point scale	200-point scale	4-point scale	200-point scale
5	200	4.22-4,23	169	3.45-3,46	138
4.97-4,99	199	4.19-4,21	168	3.42-3,44	137
4.95-4,96	198	4.17-4,18	167	3.4-3,41	136
4.92-4,94	197	4.14-4,16	166	3.37-3,39	135
4.9-4,91	196	4.12-4,13	165	3.35-3,36	134
4.87-4,89	195	4.09-4,11	164	3.32-3,34	133
4.85-4,86	194	4.07-4,08	163	3.3-3,31	132
4.82-4,84	193	4.04-4,06	162	3.27-3,29	131
4.8-4,81	192	4.02-4,03	161	3.25-3,26	130
4.77-4,79	191	3.99-4,01	160	3.22-3,24	129
4.75-4,76	190	3.97-3,98	159	3.2-3,21	128
4.72-4,74	189	3.94-3,96	158	3.17-3,19	127
4.7-4,71	188	3.92-3,93	157	3.15-3,16	126
4.67-4,69	187	3.89-3,91	156	3.12-3,14	125
4.65-4,66	186	3.87-3,88	155	3.1-3,11	124
4.62-4,64	185	3.84-3,86	154	3.07-3,09	123
4.6-4,61	184	3.82-3,83	153	3.05-3,06	122
4.57-4,59	183	3.79-3,81	152	3.02-3,04	121

4.54-4,56	182	3.77-3,78	151	3-3,01	120
4.52-4,53	181	3.74-3,76	150	Less than 3	Not sufficient
4.5-4,51	180	3.72-3,73	149		
4.47-4,49	179	3.7-3,71	148		
4.45-4,46	178	3.67-3,69	147		
4.42-4,44	177	3.65-3,66	146		
4.4-4,41	176	3.62-3,64	145		
4.37-4,39	175	3.6-3,61	144		
4.35-4,36	174	3.57-3,59	143		
4.32-4,34	173	3.55-3,56	142		
4.3-4,31	172	3.52-3,54	141		
4,27-4,29	171	3.5-3,51	140		
4.24-4,26	170	3.47-3,49	139		

The maximum amount of points for the course is 200 points, the minimum acceptable for credit - 120 points.

### 3.2. Test questions:

1. Describe the sources and historiography of the history of Kharkiv health care.
2. Name researchers of history of health care and medical local study.
3. Indicate the causes of morbidity and mortality of population of Kharkiv from the founding of the city to the second half of the 19th century
4. Explain the shortcomings in the organization of health care in the imperial pre-reform Kharkiv.
5. Describe history of clinics of Kharkiv University.
6. Explain the causes of morbidity and mortality of population of Kharkiv in the post-reform period (60s of the 19th century – 1917).
7. Name changes in management, structure, and financing of the city network after the reforms of 1860-1870.
8. Describe sanitary conditions of Kharkiv and sanitary activities in the pre-Soviet period.
9. Explain the relationship between the estate and property position of population and the availability of medical care in imperial Kharkov.
10. Name the stages of development of the Kharkiv ambulance service.

11. Indicate the measures taken by the Soviet government in the field of health care in the first post-revolutionary years.
12. Explain the basic principles of the Soviet health care system.
13. Characterize the specifics of functioning of the Soviet health care during the NEP.
14. Describe structural changes in development of the Kharkiv city medical network in the interwar period (1919-1941).
15. Name and evaluate the Nazi plans for the fate of Kharkiv and Kharkiv residents.
16. Explain the differences between Nazi and Soviet social policies.
17. Characterize sanitary and health measures in Kharkiv during the Nazi occupation.
18. Give examples of resistance of Kharkiv doctors to the Nazi occupiers.
19. Indicate and describe the material damage caused by the occupiers to the medical network of Kharkiv.
20. Indicate achievements of Kharkiv physicians during the Second World War.
21. Describe measures to reconstruct the medical network and streamline the sanitary condition of Kharkiv in 1943 - at the beginning of 1950s.
22. Name and explain the content of stages of development of the city medical network in the postwar period.
23. Explain specifics of financing and staffing of Soviet health care in the postwar period.
22. Indicate the connection between development of the Kharkiv medical network in the postwar Soviet times and world trends.
25. Give examples of the primacy of postwar Kharkiv in providing medical care.
26. Describe the attempts to reform Soviet health care in Kharkiv and their connection with the present.
27. Explain the impact of the transition to a market economy on development of Kharkiv health care.
28. Describe the state and structure of morbidity of Kharkiv population at the present stage.
29. Outline the prospects of the Kharkiv medical network in the context of the current health care reform.

### **3.3. Test questions for seminars**

#### Topic 1

1. Subject and objectives of the course.
2. Health care as a state and public practice.
3. The concept of "Social History of Health Care" and "Medical Local Study".
4. Sources, historiography, and methods of medical local study research.
5. Researchers of history of health care and medical local study.

## Topic 2

1. Morbidity and mortality of population of Kharkiv from the foundation of the city to the 1860s.
2. Organization of health care management. Sanitary activities.
3. State of the material base of the Kharkiv medical network before the "Great Reforms".
4. Financing of Kharkiv health care.
5. The main types and availability of medical care.
6. Clinics of Kharkiv University.

## Topic 3

1. Morbidity and mortality of population of Kharkiv in the post-reform period (60s of the 19th century - 1917).
2. Changes in management, structure, and financing of the city network after the reforms of 1860-1870s.
3. Sanitary conditions in Kharkiv and sanitary activity in the pre-Soviet period.
4. Status, property composition of population and availability of medical care.
5. Establishment of the ambulance service.

## Topic 4

1. Nationalization of medical institutions by Soviet authorities during the revolution of 1917-1921.
2. Formation of the Ukrainian Soviet health care system in Kharkiv. Its basic principles.
3. Specifics of functioning of Soviet health care during the NEP. "Robmed" system.
4. Structural changes and development of the material base of the city medical network.
5. Struggle against social diseases.

## Topic 5

1. Nazi plans for the fate of Kharkiv and Kharkiv residents.
2. Nature of health measures during the Nazi occupation.
3. The role and capabilities of the Kharkiv Civil Administration in organization of health care.
4. Resistance of Kharkiv doctors to the occupiers.
5. Material damage caused by the occupiers to the medical network of Kharkiv.
6. Kharkiv physicians and their achievements during the Second World War.

## Topic 6

1. Reconstruction of treatment and prevention network. Measures to improve sanitation.
2. Stages of development of the city medical network in the postwar period.

3. The specifics of funding and staffing of Soviet health care in the postwar period.
4. Trends in development of the Kharkiv medical network in the postwar Soviet era.
5. Medical care for workers and employees.
6. The championship of post-war Kharkiv in providing medical care.
7. Manifestations of Soviet health care reform in Kharkiv.

#### Topic 7

1. Destructive processes in Kharkiv healthcare in connection with the transition to a market economy.
2. Reorganization of management and medical institutions.
3. Development of medical services' market.
4. Level of morbidity of Kharkiv population (HIV, cancer, tuberculosis, orphan diseases).
5. Kharkiv medicine in the context of the military conflict in eastern Ukraine.
6. Prospects of the Kharkiv medical network in the context of the current health care reform.

### **4. DISCIPLINE POLICY**

#### Discipline requirements

Written assignments and homework must be submitted in time. In case of questions students can contact the teacher personally or by e-mail which the teacher will provide in the first practical lesson.

During the lecture students are recommended to compose the lesson's summary and keep a sufficient level of silence. It is welcomed to pose the questions to a lecturer.

It is important to follow next rules:

- respect to colleagues;
- tolerance toward others and experience of people;
- receptivity and impartiality;
- ability to respect the person even in a case of disagreement with its thoughts;
- thorough reasoning of own opinion and courage to change it under the influence of counter arguments;
- self-expression when the person avoids the unnecessary generalizations, describes own feelings and forms expectations relying on own thoughts and emotions;
- obligatory work with the recommended sources of information.

The creative approach in its different forms is welcomed. In particular it is a participation in scientific conferences.

#### Attendance and behaviour

The students are expected to attend all lectures and practical lessons. In a case of skipping the class it is necessary to work off it according to the department's schedule.

Actions that are allowed during lessons:

- Leave the classroom for a short time in case of necessities and with a permission of teacher;
- To take a photos of presentations;
- To take active part in a course of the lesson.

Prohibited:

- Eating (except people whose special medical situation requires the opposite – in that case the medical confirmation is needed);
- Smoking, consuming of alcohol;
- Rude behaviour, expression of obscenities and offend someone's dignity;
- Gambling;
- To damage the university equipment;
- To make a noise or listen a music in classrooms or corridors during the lessons.

Using of electronic gadgets

Using of electronic gadgets during studying is allowed without restriction except those cases when it may interfere with the ways of objective assessment of students' knowledge.

Policy for people with the special educational needs

The studying is carried out taking into account the requirements of modern Ukrainian legislation in relation to persons with special educational needs and is regulated by the university.

Recommendations for successful mastering the discipline

In the process of preparation for practical classes students should study the recommended literature. Active participation during the discussion in the classroom is welcome, students should be ready to understand the material in detail, ask questions, express their point of view, discuss.

Incentives and penalties

According to the "Instructions for the evaluation of educational activities in the European credit-transfer system of the educational process in the KhNMU" students can increase the grade for the module by performing individual tasks (making the reports, participation in scientific conferences, competitions, preparation of reviews, etc.) in case of success gives 10 points as an incentive.

Safety precautions

The first lesson includes an explanation of the basic principles of labour protection. Every student should know the location of nearest evacuation exit, the fire extinguisher, how to use it, etc.

Procedure for informing about changes in the syllabus

The possible changes in the syllabus will be announced on the department page of the official website of KhNMU, in the department's directory in Moodle, and at the dean-office

## 5. ACADEMIC INTEGRITY

One of the elements of academic culture that the university instills is the student's understanding of the inadmissibility of any borrowing without proper references. Given this, the main task of teachers is to form students' skills of independent work, interest in learning and socially significant values. The first sessions will provide information on what to consider plagiarism and how to properly conduct a research search.

## 6. Recommended literature

Basic literature:

1. Treasury of Kharkiv medicine. Personalities: Reference book. Kharkiv : KhNMU, 2015.
2. Ilin V. Prosopography of Kharkiv Medical Institute in 1945–1991 Inter Collegas, 2019, Vol. 6, № 2, p. 64–67.
3. The prominent Kharkiv physicians. Medical Subculture. URL: <http://31.128.79.157:8083/mod/book/view.php?id=11610>

Auxiliary literature:

1. Robak I. Yu., Alkov V. A. Topical ideas of V. V. Favre in the field of public health (on the 100th anniversary of professor's death). *Public health in Ukraine – modern challenges and developing prospects : abstract book international public health conference*, Warszawa : ALUNA Publishing House, 2020, p. 1074.
2. Robak I., Demochko H., Alkov V. The last dean (celebrating professor J. R. Pensky's 160th anniversary). *Universum Historiae et Archeologiae*, 2020, Vol. 3, n. 1, p. 93–102.
3. Robak I. Yu., Alkov V. A. History of one family within the history of Europe: the Robaks genus through the lens of family stories. *Modernization of educational system: world trends and national peculiarities : III International scientific conference*, February 21th, 2020. Kaunas : Baltija Publishing, 2020, p. 40–43.
4. History of Medicine: methodical instructions for students to the practical lesson on the topic “History of Kharkiv National Medical University” for the preparation of students in specialties 222 “General Medicine”, 221 “Dentistry” / Compiled by V. Ognev, O. Semenenko, N. Martynenko O. Myakyna. Kharkiv : KhNMU, 2018. 16 p.

5. Edouard Matevossian, Hans Kern, Norbert Huser, Dietrich Doll and oth. Surgeon Yurii Voronoy (1895–1961) – a pioneer in the history of clinical transplantation: in Memoriam at the 75th Anniversary of the First Human Kidney Transplantation. *Transplant International. European Society for Organ Transplantation*, 2009, p. 1132—1139. URL: <https://onlinelibrary.wiley.com/doi/full/10.1111/j.1432-2277.2009.00986.x>

## **7. INFORMATION RESOURCES**

1. Link to the discipline in MOODLE:

- English language: <http://distance.knmu.edu.ua/course/view.php?id=5>