

MINISTRY OF HEALTH OF UKRAINE
KHARKIV NATIONAL MEDICAL UNIVERSITY

Department of Public Health and Healthcare Management

Academic year 2021-2022

SYLLABUS OF THE EDUCATIONAL COMPONENT

«HISTORY OF MEDICINE AND NURSING»

Selective educational component

Form of education full-time

Field of science 22 «Health care»»

Specialty 223 «Nursing»

Education and professional program «Nursing»

The first (bachelor's) level of higher education


Course first

Syllabus of the educational component was approved at the meeting of the department public health and health management


Approved by the methodical commission of KhNMU on public health problems

Protocol from
“27”august 2021 № 13

Protocol from
“01”september 2021 № 2

Head of Department


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SYLLABUS DEVELOPER

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INFORMATION ABOUT TEACHERS OF THE COMPONENT

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Professional interests, teacher's profile (at the university (department's) site, in the MOODLE system, etc.	History and Philosophy of Medicine ACY: http://31.128.79.157:8080//profile MOODLE: http://distance.knmu.edu.ua/user/profile.php?id=45 ORCID: http://orcid.org/0000-0003-3018-2514 Google Scholar: http://scholar.google.ru//citations
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Professional interests, teacher's profile (at the university (department's) site, in the MOODLE system, etc.	Public Health, Basics of Public Health, Evidence-Based Medicine with the elements of Epidemiology, Biostatistics University Site: http://www.knmu.kharkov.ua/index.php?option=com_content&view=article&id=232%3A2011-05-19-08-08-34&catid=7%3A2011-05-09-09-08&Itemid=27&lang=uk ORCID: https://orcid.org/0000-0001-9847-3057 ACY: http://31.128.79.157:8080//profile/self/general-info MOODLE: http://distance.knmu.edu.ua/user/profile.php?id
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INTRODUCTION

Syllabus of the educational component “History of Medicine and Nursing” is edited according educational professional program “Nursing” and to Ukrainian higher education standard (following – Standard) of 1st (bachelor’s) level of branch of science 22 “Health care», specialty 223 “Nursing”.

Course description (abstract). An elective course “History of Medicine and Nursing” is a guiding and connecting link in the study of the development of all branches of medicine. Studying this discipline, students form a comprehensive approach to the history of medicine as a holistic cultural process.

Types of educational activities of students according to the curriculum are:

- lectures
- practical training
- independent work of students

Practical classes include:

- search for historical information related to the development of different branches of medicine;
- mastering the skills of public speaking with presentation of collected material;
- drawing up annotations and summaries about the activity of famous physicians or medical schools.

The subject of study of the educational component is history of medicine and nursing, the study of patterns of development of medical knowledge and medical activities in different historical epochs.

Interdisciplinary links: materials on the history of medicine are correlated with materials on the history of science, ethics, religion, philosophy, social psychology.

Prerequisites. It is based on the study of educational components by students: history of Ukraine and Ukrainian culture, philosophy, ethics, and deontology.

Post-requisites. The knowledge, skills and abilities acquired after completing the study of this educational component are required for the study of fundamental and clinical disciplines.

1. THE AIM AND TASK OF THE DISCIPLINE

1.1. The aim of the educational component is to obtain information about the origin, formation and development of medicine and nursing in different historical periods, as well as the formation of students’ holistic view on the origin and development of medicine and nursing in a certain socio-economic formation; providing basic medical training and acquiring practical skills of collection the information for further professional activity of doctors.

1.2. The main task of the educational component are to determine the periods of accumulation of knowledge and practices of medical care in different historical periods, the study of views on health, causes of diseases, means of prevention, treatment depending on worldview and living conditions in relevant historical periods; foundation and development of nursing principles, contribution to the world treasury of medicine of outstanding representatives of this profession, knowledge of the specifics and features of the development of medicine in Ukraine in different historical periods, as well as formation of the foundations of professional culture, education of pride and a sense of necessity of the chosen specialty.

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

1.3.1. According to the requirements of the standard, the educational component provides students with the **acquisition of competencies**:

Integral:

A bachelor of nursing is able to solve practical problems and tasks of activities in the field of health care with the application of provisions, theories and methods of fundamental, medical and clinical sciences in conditions of complexity and uncertainty.

General:

GC 01. The ability to realize one's rights and responsibilities as a member of society, to realize the values of a civil (free democratic) society and the need for its sustainable development, the rule of law,

the rights and freedoms of a person and a citizen in Ukraine.

GC 02. The ability to preserve and multiply moral, cultural, scientific values and achievements of society based on understanding the history and patterns of development of the subject area, its place in the general system of knowledge about nature and society and in the development of society, technology and technology, use different types and forms motor activity for active recreation and driving healthy lifestyle.

GC 03. Ability to abstract thinking, analysis and synthesis

GC 04. Ability to apply knowledge in practical situations

GC05. Knowledge and understanding of the subject area and understanding of professional activity

GC 06. Ability to communicate in the state language both orally and in writing

GC 07. Ability to communicate in a foreign language

GC 08. Skills in using information and communication technologies

GC 09. Determination and persistence in relation to assigned tasks and assumed responsibilities

GC 10. Ability to make informed decisions

GC 11. Ability to work in a team

GC 12. Skills of interpersonal interaction

GC 13. Ability to act on the basis of ethical considerations

Professional:

PC 01. Ability to use professional and legal standards in everyday practice

PC 16. Ability to organize and manage by structural unit (leadership and management)

1.3.2. Studying of the academic component provides education seekers' achieving of following **program learning outcomes:**

PLO 1. To conduct nursing subjective and objective examination of patient's organs and systems and estimate got data.

In the conditions of health care facilities and at patient's home, by communicating with patients of different age groups, their relatives from the environment of a sick child and his/her parents, be able to collect complaints, anamnesis of illness, anamnesis of life. Nurse has to be able to collect allergological and epidemiological anamnesis, evaluate anamnestic data.

PLO 2. Carry out nursing diagnosis: identify and assess the patient's problems.

In the conditions of health facility, at home, predictable circumstances, to be able to identify the real problems of the patient, assess their priority and establish a nursing diagnosis.

PLO 3. Plan nursing interventions. In the conditions of health care facilities, at home and under unforeseen circumstances, nurse has to be able to make a plan of nursing interventions to solve real and related problems of patients of various ages.

PLO 4. Monitor the work of junior medical staff and the state of inventory. In terms of health facility, in accordance with job duties, in order to comply with the sanitary and anti-epidemic regime, to be able to:

- conduct training of junior medical personnel on the performance of functional duties and occupational health and safety; monitor compliance with safety rules by junior medical personnel;

- monitor the work of junior medical staff; control the implementation of the rules of the internal procedure by staff and patients; monitor compliance with measures of sanitary and hygienic regime in wards and medical offices.

PLO 5. Carry out nursing administration. In terms of health facility, in order to implement organizational and managerial competencies, to be able to:

- make management decisions; ensure their implementation based on the application of nursing management models;

- to ensure the implementation of orders and resolutions on health protection issues;

- master the functional duties of the head of nursing services;

- to know the procedure for licensing and accreditation of medical and preventive facilities, laboratories of various profiles, etc.

PLO 6. To ensure a healthy microclimate in the team. Using the principles of nursing ethics and deontology, the rules of interpersonal communication in order to create a favorable psychological microclimate, be able to:

- communicate with the patient and members of his family or close environment, medical staff;
- to solve ethical and deontological problems in the process of working with the patient and his family members; consider and analyze professional mistakes in the team; conduct training for junior and technical personnel.

PLO 7. Participate in monitoring of healthy and sick population, rehabilitation and dispensary supervision.

In the conditions of 303, at home and in the community, using the current orders of the Ministry of Health of Ukraine, in order to form, preserve and improve the health of the adult and children's population, be able to:

- keep records of population groups on health monitoring;
- to calculate and analyze statistical indicators of health monitoring efficiency;
- to conduct explanatory work among patients of different health monitoring groups;
- keep records of health groups;
- calculate and evaluate individual indicators and indicators of the complex effect of the microclimate on the human body;
- determine the stages of medical and social rehabilitation of the patient, tasks for each stage;
- make a complex of rehabilitation measures depending on the profile, course, and a period of the disease or injury;
- conduct a census of the child population.

1.3.3. Studying of the academic component provides education seekers' achieving of the following **Soft-skills:**

- communication skills in oral and written forms;
- skills to take responsibility for decisions made;
- skills of presenting one's own ideas and opinions;
- skills of establishing professional and interpersonal relationships;
- skills of using information technologies;
- time management skills;
- teamwork skills;
- leadership skills.

2. INFORMATION VOLUME OF THE EDUCATIONAL COMPONENT

Name of indicators	Branch of knowledge, speciality and education level, EPP	Characteristics of the discipline	
		full-time education	
Number of credits – 3	Branch of Knowledge 22 «Health care»»	Selective	
The total number of hours is 90	Specialty: 223 «Nursing»	Year of preparation:	
		1st	
		Semester	
		1st	–
		Lectures	
Hours for full-time education: class – 18 Independent student's work – 72	Education level: the first (bachelor's) level. EPP «Nursing»	6 hours	–
		Practical, seminars	
		12 hours	–
		Laboratory	
		–	–
		Independent work	
		72 hours	
		Individual tasks:	
		Type of control:	
	Credit		

2.1. Description of the discipline

2.2.1. Lectures

№№	Topic name	Number of hours	Kinds of lectures
1	History of medicine as a science and a subject of teaching. Origin of medicine and its development in primitive society	2	Lecture-presentation
2	Medicine in the Middle Ages and Renaissance	2	Lecture- presentation
3	Medicine in the Modern Era. Nursing and it's development in different countries	2	Lecture-presentation
	Quantity of lecture hours	6	

2.2.2. Seminar lessons

Not provided by curriculum.

2.2.3. Practical lessons

№ №	Title of topic	Quantity of hours	Methods of training	Forms of control
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1	Origin of medicine and its development in primitive society. Medicine of Antique world	2	story-explanation, presentation, project method	essays, written survey
2	Medicine in the Middle Ages and the Renaissance	2	story-explanation, presentation, project method	essays, written survey
3	Medicine in the Modern Era (mid. 17 th – early 20 th centuries)	2	story-explanation, presentation, project method	essays, written survey
4	Florence Nightingale is the first theorist of Nursing	2	story-explanation, presentation, project method	essays, written survey
5	Formation of medical schools for nurses	2	story-explanation, presentation, project method	essays, written survey
6	History of Kharkiv National Medical University since 1805 up to nowadays	2	story-explanation, presentation, project method	essays, written survey
	Quantity of class hours	12		

2.2.5 Independent work

№ №	Title of topic	Quantity of hours	Methods of training	Forms of control
1	Medicine of Trypillians, Scythians and Early Slavonic tribes	7	search method	annotation
2	Medicine of Byzantium, Medieval East, and Tibet	10	search method	annotation
3	Medicine of Kyiv Rus (9 th – 12 th centuries). Monastic medicine	8	search method	annotation
4	Medicine of Ukraine (12 th – 17 th centuries). Eupraxia (Zoya) and her medical treatise in Greek “Ointment”	10	search method	annotation
5	Treatment and care of women. Epidemics.	8	search method	annotation
6	Brotherhoods and their role in the organization of medical care	12	search method	annotation
7	The development of nursing in 20 th century	8	search method	annotation
8	The development of nursing in 21 st century	9	search method	annotation
	Quantity of hours	72		

3. EVALUATION CRITERIA

3.1. Evaluation of applicants for higher education is carried out in accordance with the "Instructions for assessing the educational activities of applicants for higher education in KhNMU" (Order of KhNMU №181 from 21.08.2021).

When studying the discipline, current and final semester control is used. Also, there is a mandatory control of assimilation of the educational material of the discipline assigned to independent work.

Current control (CC) is carried out by scientific and pedagogical staff at each classroom session (except for lectures). The main task of current control is to check the level of training of education seekers to perform specific work. The main purpose of current control is to provide feedback between scientific and pedagogical workers and education seekers in the learning process and to ensure the management of their educational motivation. The information obtained during the current control is used both by scientific and pedagogical workers – to adjust methods and means of education, and by education seekers – to plan independent work. Based on the results of mastering each lesson topic, a grade is given using a 4-point system.

The final lesson is a class in which the acquired competencies are evaluated after a logically completed part of the discipline, which consists of a set of educational elements of the discipline program. The final lesson is held at one of the practical classes and is accepted by the teacher of the academic group. The final lesson must include control of all types of training (theoretical, practical, independent and others) provided by the program of the academic component. A grade is given for the final lesson, which is one of the grades of the final control. If there are unsatisfactory grades for practical classes during the final lesson, the teacher is obliged to provide the student with the opportunity to answer additional questions on the subject of these classes, with the subsequent publication of the grade in the "Journal of the work of the academic group" and the ASD.

Current educational activity (CEA) is a student's educational activity during the semester, which is supervised by a scientific and pedagogical worker conducting classes in a group. CEA is provided for disciplines, the study of which does not end in the current semester. CEA is considered completed if the applicant has completed all missed classes and lectures in the current semester, and the average score for all CC topics is equal to 3 points or higher, in this case, the note is marked "completed" and the average score in the 4-point system is indicated (calculated automatically within the functionality of the ASD electronic journal), or "unworked", if the applicant has unworked missed classroom classes and lectures in the current semester, or the average score is below 3 points.

Independent work.

The educational material of the discipline, intended for assimilation by the learner in the process of independent work, is submitted to the final control together with the educational material that was studied during classroom training sessions.

General educational activity (GEA) is the academic activity of the student during the entire period of studying the discipline (or its part), which ends with an assessment with the form of control "credit", "differentiated credit" or "exam". GEA is considered completed if the applicant has completed all missed classroom classes and lectures, and the average score for all CC topics is equal to 3 points or higher.

Recalculation of the average grade for CAE and FL for disciplines that end with a crediting is carried out in accordance with table 2. The minimum number of points that a student must score for admission to the credit – 120 points, maximum – 200 points.

Table 2

Recalculation of the average grade for the current activity into a multi-point scale (for disciplines ending with credit)

4-balls scale	200-balls scale	4-balls scale	200-balls scale	4-balls scale	200-balls 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 enough
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		

3.2. Questions for credit:

1. What are the subject and sources of “History of Medicine and Nursing”?
2. What was the essence of disease and methods of treatment in the primitive society?
3. What peculiarities of temple medicine in Ancient Greece do you know?
4. Who of physicians of Antiquity do you know and what was their contribution to medicine?
5. What peculiarities of Arabian medicine do you know?
6. What peculiarities of Byzantine medicine do you know?
7. What peculiarities of West European medicine in the period of Renaissance do you know?
8. What discoveries of the Modern Era influenced a lot on the development of medicine?
9. Invention of which medical tools made easier the work of physicians in the period of Modern Era?
10. Who of prominent physicians and nurses of Modern era do you know?
11. What methods of patients’ examination started to use doctors in Modern Era?
12. What do you know about the development of medicine in Kyiv Rus’?

13. What do you know of the development of medicine in the Modern Era?
14. What do you know of the history of Kharkiv National Medical University?
15. What do you know of the activity of Kharkiv Medical Society?
16. Who of professors of Kharkiv National Medical University do you know? What was their contribution to medicine?

3.3. Control questions:

1. What is the subject of "History of Medicine and Nursing"?
2. What sources give us the information about the development of medicine?
3. How Trypillians organized medical aid?
4. Which sanitary and hygienic mean is still popular?
5. What peculiarities had temple medicine in the Ancient Greece?
6. What were the main features of Ancient Roman medicine?
7. Who treated early Slavonic population?
8. What were the peculiarities of West European medicine in the Renaissance period?
9. What do you know of the development of surgery in the Medieval Europe?
10. What were the peculiarities of the development of medicine in Byzantine Empire?
11. What were the peculiarities of the development of medicine in Arab caliphates?
12. What kind of medical institutions there were in Arab caliphates?
13. What do you know of Ibn-Sina and his medical activity?
14. What peculiarities of West European medicine in the period of the early and developed Middle Ages do you know?
15. How Catholic Church influenced on medicine?
16. What was the system of medical training in West Europe in the period of classical Middle Ages?
17. What anti-epidemic measures were used by medieval physicians?
18. What initial methods of physiological investigations were used in the Middle Ages?
19. Branches of medicine in Kyiv Rus'?
20. Hospitals on the basis of monasteries, brotherhoods and their role in the organization of medical aid in Ukraine.
21. The importance of the Modern Era discoveries for medicine (hormones, vitamins, x-ray and etc.).
22. Sharitky monastery and nurses in the wars of the 19th century.
23. Florence Nightingale is the first theorist of Nursing.
24. Who of prominent medical scientists worked at medical faculty of Kharkiv Emperor University?
25. When the first clinics of medical faculty were built? How were they equipped?
26. What were the periods of development of Kharkiv high medical school?
27. Kharkiv medical society initiated many useful projects for the city population? What do you know of them?
28. When Women Medical Institute was founded in Kharkiv?
29. When Kharkiv Medical Academy was founded? What educational institutions became the parts of it?
30. Nursing in European countries.
31. Nursing in independent Ukraine.
32. Nursing in the USA and Canada.

3.4. Individual tasks

1. Medicine of Ancient Egypt.
2. Medicine of Ancient India.
3. Ancient Chinese Medicine.
4. Medical Schools of Ancient Greece.
5. Formation of medical knowledge in Ancient Rome.

6. Military Medicine in the Middle Ages.
7. Treatment of plague.
8. Yurii Drohobych and his contribution to Medicine.

3.5. Rules for appealing of evaluation. A student has a right to appeal the estimation, appealing to the teacher or head of department.

4. DISCIPLINE'S POLICY

Course requirements

It is expected that education seekers will attend all practical classes. If they missed classes, it is necessary to work it off (according to the schedule the department).

Written tasks and homework tasks must be completed completely and on time, if education seekers have questions, they can contact to teacher in person or by e-mail provided by teacher on the first practical lesson.

Asking teacher questions is perfectly normal.

Practical classes

Active participation during the discussion in the classrooms is encouraged. Education seekers must be ready to understand the material in detail, to ask questions, to express their opinions, to discuss.

Requirements to the discussion:

- respect for colleagues,
- tolerance for others and their experience,
- receptivity and impartiality,
- the ability to disagree with the opinion, but to respect the identity of the opponent (s),
- careful argumentation of own opinion and the courage to change their position under the influence of evidence,
- self-statement, when a person uniquely unnecessary generalizations, describes own feelings and formulates own wishes based on their own thoughts and emotions,
- obligatory acquaintance with primary sources.

A creative approach in its various manifestations is welcomed. Education seekers are expected to be interested in participating in city, national and international conferences, competitions and other events from the subject profile.

Behaviour in the classroom

It is important for education seekers to follow the rules of good behavior at the University. These rules are common for all, they also apply to all faculty and staff, and are not fundamentally different from the generally accepted norms.

During classes it is allowed:

- leave the classroom for a short time if it is necessary and with the teacher`s permission;
- drink soft drinks;
- take photos of presentation slides;
- take an active part at the lesson (see Academic expectations from education seekers).

It's forbidden:

- to eat (except for persons whose special medical condition requires another - in this case, medical confirmation is required);
- to smoke, drinking alcohol and even low-alcohol beverages or drugs;
- to use obscene language or use words that offend the honor and dignity of colleagues and faculty;
- to gamble;
- to damage the material and technical base of the university (damage inventory, equipment; furniture, walls, floors, litter the premises and territories);
- shouting or listening to loud music in classrooms and even in corridors during classes.

Usage of gadgets for academic purpose is allowed and encouraged.

Recommendations for successful passing of the discipline.

For the successful passing of discipline « Foreign English» it is recommended to execute necessary minimum of educational work (to know the vocabulary of the studied topics, execute written class and home tasks, show activity during practical classes).

Encouragement (additional points are for conferences, scientific researches, corrections, advices, participating in questioning).

Policy for people with special educational needs

In accordance with Articles 19, 20 of the Law of Ukraine "On Education" and the Order of KhNMU from 22.06.2018 №203 "On approval of the Procedure for support (assistance) of persons with disabilities, the elderly, other low-mobility groups during their stay in the territory (premises) KhNMU" favourable conditions for inclusive education are created in KhNMU (see http://www.knmu.kharkov.ua/index.php?option=com_content&view=article&id=7108%3A2021-03-10-14-08-02&catid=12%3A2011-05-10-07-16-32&Itemid=33&lang=uk)

A person with special educational needs or a group monitor at the request of a higher education applicant, may warn the teacher before the start of classes and together develop an optimal strategy for the learning process. If you have any questions, please contact the teacher.

The technic of safety

Basic principles of occupational safety will be explained on the first class of a course. It's expected, that each must know where the nearest to the class evacuation exit is, where a fire-extinguisher is, how they must be used etc.

Order of informing of changes in syllabus: necessary changes in syllabus become established on the meeting of Profile methodical commission of KhNMU on problems of public health and made public on a web-site KhNMU, web-site of The Department of Public Health and Healthcare Management of KhNMU.

5. ACADEMIC INTEGRITY

In compliance with academic integrity, the Department is guided by the Regulations on Academic Integrity and Ethics of Academic Relations at Kharkiv National Medical University.

The Department of Public Health and Healthcare Management maintains zero tolerance for plagiarism. Education seekers are expected to constantly raise their awareness of academic writing. The first lessons will provide information on what to consider plagiarism and how to properly conduct research and scientific research.

6. RECOMMENDED LITERATURE

Basic

1. Nursing fundamentals Wisconsin Technical College System Electronic resource: <https://wtcs.pressbooks.pub/nursingfundamentals/chapter/1-2-history-and-foundation/#:~:text=Brief%20History%20of%20Nursing&text=Florence%20Nightingale%20is%20considered%20to,of%20caregivers%20for%20the%20sick>
2. Yolanda Smith History of Nursing Electronic resource: <https://www.news-medical.net/health/History-of-Nursing.aspx>
3. American Nursing: An Introduction to the Past University of Pennsylvania Electronic resource <https://www.nursing.upenn.edu/nhnc/american-nursing-an-introduction-to-the-past/>
4. Chapter 1: The History of Nursing – Springer Publishing Electronic resource <https://connect.springerpub.com/content/book/978-0-8261-3807-1/part/part01/chapter/ch01>
5. History of Nursing Electronic Resource <https://www.britannica.com/science/nursing>
6. Evolution and History of the Nursing Profession Electronic Resource <https://onlinenursing.twu.edu/blog/evolution-of-nursing-profession>
7. A Brief Look at the History of Nursing Electronic Resource <https://www.ahu.edu/blog/brief-look-history-nursing>

Auxiliary

1. The History of Nursing Electronic resource <https://www.nursingschoolhub.com/history-nursing/>
2. L. Jovic Nurses in France 2015 Electronic resource <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5342282/>
3. L.Chaptal 1929 Electronic resource <https://www.jstor.org/stable/3410245>
4. Rafat Jan Rufaida Al-Asalmiya, the first Muslim Nurse 1996 Electronic resource https://www.researchgate.net/publication/14349996_Rufaida_Al-Asalmiya_the_First_Muslim_Nurse

7. INFORMATION RESOURCES

1. World Health Organization www.who.int
2. State Scientific and Pedagogical Library of Ukraine named after V.O. Sukhomlynskyi -- <http://www.dnpb.gov.ua/>
3. European database "Health for all" - www.euro.who.int/ru/home
4. British Medical Journal - www.bmj.com
5. Journal of Evidence-Based Medicine - www.evidence-basedmedicine.com
6. Canadian Center for Evidence in Health Care - www.cche.net
7. Cochrane Library - www.cochrane.org
8. Cochrane Center for Evidence-Based Medicine - www.cebm.net
9. Population of Ukraine. Demographic yearbook. - K.: Derzhkomstat of Ukraine. (access mode: www.ukrstat.gov.ua).
10. Scientific library of Kharkiv National Medical University - <http://libr.knmu.edu.ua/>
11. Scientific pedagogical library named after K.D. Ushinsky Russian Academy of Education -- <http://www.gnpbu.ru/>
12. National Library of Ukraine named after V.I. Vernadsky -- <http://www.nbuv.gov.ua/>
13. US National Library of Medicine - MEDLINE www.ncbi.nlm.nih.gov/PubMed
14. National Scientific Medical Library of Ukraine -- <http://www.library.gov.ua/>
15. Ukrainian database of medical and statistical information "Health for all": <http://medstat.gov.ua/ukr/news.html?id=203>
16. Kharkiv State Scientific Library named after V.G. Korolenko - <http://korolenko.kharkov.com/>
17. Public Health Center of the Ministry of Health of Ukraine - www.phc.org.ua
18. Center for Disease Control and Prevention - www.cdc.gov
19. Central Library of the Pushchinsky Scientific Center of the Russian Academy of Sciences -- <http://cbp.iteb.psn.ru/library/default.html>
20. Central scientific medical library of the First Moscow State Medical University named after I.M. Sechenov -- <http://elibrary.ru/defaultx.asp>
21. U.S. National Library of Medicine - <http://www.nlm.nih.gov/>

8. OTHER

Useful links:

1. Provisions on the prevention, prevention and settlement of cases related to sexual harassment and discrimination at KhNMU http://files.knmu.edu.ua:8181/upload/redakt/doc_uchproc/polog-sex.doc
2. Regulations on academic integrity and ethics of academic relationships at the Kharkiv National Medical University
http://files.knmu.edu.ua:8181/upload/redakt/doc_uchproc/polog_ad_etyka_text.pdf
3. The procedure for conducting classes on in-depth study by students of the Kharkiv National Medical University of certain disciplines beyond the scope of the curriculum http://files.knmu.edu.ua:8181/upload/redakt/doc_uchproc/nak-poriad-pogl-vyv-dysc.docx
4. Provisions on the Commission on Academic Integrity, Ethics and Conflict Management of KhNMU http://files.knmu.edu.ua:8181/upload/redakt/doc_uchproc/polog_komis_ad_text.pdf
5. Regulations on recognition of the results of non-formal education at the Kharkiv National Medical University http://files.knmu.edu.ua:8181/upload/redakt/doc_uchproc/polog_neform_osv.pdf
6. INCLUSIVE EDUCATION:

http://www.knmu.kharkov.ua/index.php?option=com_content&view=article&id=7108%3A2021-03-10-14-08-02&catid=12%3A2011-05-10-07-16-32&Itemid=33&lang=en

7. ACADEMIC INTEGRITY:

http://www.knmu.kharkov.ua/index.php?option=com_content&view=article&id=2520%3A2015-04-30-08-10-46&catid=20%3A2011-05-17-09-30-17&Itemid=40&lang=enhttp://files.knmu.edu.ua:8181/upload/redakt/doc_uchproc/kodex_AD.docx