

MINISTRY OF HEALTH OF UKRAINE
KHARKIV NATIONAL MEDICAL UNIVERSITY

Department Epidemiology

Academician year 2023 - 2024

SYLLABUS OF THE EDUCATIONAL COMPONENT
ANTI-EPIDEMIC MEASURES IN FOCI OF INFECTIOUS DISEASES

Optional educational component

The form of education is full-time

Branch of knowledge 22 «Healthcare»

Specialty 223 «Nursing»


Educational and professional program «Nursing»

The first (bachelor's) level of higher education 4years of study

Course third


The syllabus of the educational component was considered at the meeting of the Department of the Epidemiology

Protocol of
"27" August 2021 № 23

Head of department,
Professor  T.O. Chumachenko

Approved by the methodical commission of
KhNMU on Public Health problems medicine

Protocol of
"27" August 2021 № 1

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INTRODUCTION

1. Description of the component

Syllabus of the educational component "ANTI-EPIDEMIC MEASURES IN FOCI OF INFECTIOUS DISEASES" was compiled in accordance with the educational and professional program (hereinafter - EPP) "Nursing" and the Standard of Higher Education of Ukraine (hereinafter - Standard), first (bachelor's) level, fields of knowledge 22 "Health care", specialty 223 «Nursing»

Description of the educational component (abstract)

The educational component includes information on the basic laws of the spread of infectious diseases among people and ways to fight infectious diseases. For this, nurses must acquire knowledge about the epidemic process, its causes, mechanisms of its development, quantitative and qualitative manifestations of the epidemic process. Also, nurses should know the principles of organizing and conducting preventive and anti-epidemic measures in centers of infectious diseases, which have their own characteristics depending on the sources of infection and the mechanism of transmission of infectious disease agents, be able to respond in a timely manner to challenges in the public health system, evaluate and use the most effective and economically justified preventive and anti-epidemic measures, other interventions in the system.

The subject of the study of the educational component is epidemic process, principles of organization and implementation of preventive and anti-epidemic measures

Prerequisites are Epidemiology, Nursing in infectious diseases

Postrequisites are Biological weapons, bioterrorism. Means of protection and prevention. Biological safety and biological protection in wartime and peacetime.

1. PURPOSE AND TASKS OF THE COMPONENT

1.1. The purpose of studying the component is formation of a system of basic knowledge on the theory of the mechanism of transmission of infectious disease agents, the laws of the spread of infectious diseases among people, practical skills and abilities in planning and implementing anti-epidemic and preventive measures for the most common and infectious diseases of international importance and in the event of emergency situations.

1.2. The main objectives of the component are:

- 1) acquisition of theoretical knowledge about the epidemic process and its features in emergency situations; interpretation of the cause of occurrence and regularity of the development of the epidemic process
- 2) Studying the general laws of the spread of infectious diseases among people and ways to fight infections;
- 3) Studying the principles of organizing and carrying out anti-epidemic and preventive measures.

Competences and learning outcomes, the formation of which is facilitated by the component

According to the requirements of the standard, the component provides acquisition by students competencies:

integrated: A bachelor of nursing is able to solve complex specialized tasks and practical problems in the field of nursing or in the learning process, which involves the application of certain theories and methods of the relevant science and is characterized by the complexity and uncertainty of conditions.

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 03. Ability to abstract thinking, analysis and synthesis

GC 04. Ability to apply knowledge in practical situations

GC 05. Knowledge and understanding of the subject area and understanding of professional activity

GC 08. Skills in using information and communication technologies

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

GC 12. Skills of interpersonal interaction

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

special (professional, subject):

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

PC 06. Ability to effectively apply a set of professional skills (skills), medical devices, interventions and actions in assessing the functional state of patients/clients, preparing them for diagnostic studies and taking biological material for laboratory studies.

PC 07. Preservation of the specialist's own health when providing care, performing manipulations and procedures, when moving and transporting the patient/client.

PC 08. Preventive activities of a nurse aimed at preserving and strengthening health, preventing diseases and informing and educating the patient and his family members.

PC 15. Ability to organize and provide emergency assistance in peacetime and wartime emergencies.

1.3.2. The study of the component provides students with the acquisition of the following program learning outcomes:

PLO 5. Carry out nursing administration.

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

PLO 8. To perform medical manipulations in order to ensure a sanitary and anti-epidemic regime.

PLO 14. To be able to prepare the patient, collect and direct biological material for laboratory and instrumental research.

PLO 17. Plan and carry out preventive and anti-epidemic measures regarding infectious diseases.

PLO18. Organize and conduct training of patients and their family members on medical issues.

PLO 19. Conduct medical and hygienic propaganda.

PLO 20. Appropriate medical documentation should be kept

1.3.3. The study of the component provides students with the following social skills (Soft skills):

the ability to express one's opinion clearly

the ability to determine the essence of the problem and its causes

the ability to find relevant information and reliable sources

the ability to choose the optimal solution

the ability to distinguish facts from myths, stereotypes and personal perceptions

2. INFORMATION SCOPE OF THE COMPONENT

Name indicators	Branch of knowledge, specialty, educational degree, EPP	Characteristics of the component	
Number of credits – 3,0	Branch of knowledge <u>22 "Health Care"</u>	Daily form of education	
Total number of hours –90	Specialty: <u>223 "Nursing"</u> (code and name)	course:	
		3th	
		Semester	
		5th/ 6th	
Hours for full-time study: classrooms - 32 self-work of the applicant - 58	<u>the first (bachelor's) level of higher education</u> <u>EPP «Nursing»</u>	Lectures	
		2 hours	
		Practical classes	
		30 hours	
		Laboratory classes	
		0 hours	
		Self-work	
		58 hours	год.
Individual task:0 год.			
Final control is credit			

2.1 Content of the component

2.2.1 Lectures

№	Topic	Hours	Types of lectures
1	Epidemic process. Driving forces of the epidemic process. Mechanism of transmission of pathogens of infectious diseases. Classification of infectious diseases	2	introductory
	Total hours	2	

2.2.3

Topics of practical classes

Practical class №	Topics of practical classes	Hours	Methods Learning	Forms control

1	<p>The doctrine of the epidemic process. Peculiarities of the epidemic process during an emergency.</p> <p>The concept of emergency. Peculiarities of planning and implementation of anti-epidemic measures in cases of emergency situations in peacetime under the conditions of introduction of infections of international importance. Protection of the population in emergency situations.</p>	4	story-explanation, conversation, presentation, discussion	<p>Current control: oral examination (individual and frontal); written examination; self-control; report; speech on a given topic</p> <p>Final control: credit</p>
2	<p>Principles of organization and implementation of anti-epidemic and preventive measures in centers of infectious diseases. Anti-epidemic and preventive measures regarding sources of infection, ways and factors of transmission of pathogens and relative to contact persons.</p> <p>Immunoprophylaxis of infectious diseases</p>	4	story-explanation, conversation, presentation, discussion	<p>Current control: oral examination (individual and frontal); written examination; self-control; report; speech on a given topic</p> <p>Final control: credit</p>
3	<p>Deratization. Disinsection. Disinfection and sterilization. Hand hygiene of medical personnel</p>	4	story-explanation, conversation, presentation, discussion	<p>Current control: oral examination (individual and frontal); written examination; self-control; report; speech on a given topic</p> <p>Final control: credit</p>
4	<p>Anti-epidemic measures in foci of infections with an aerosol transmission mechanism (COVID-19, diphtheria, whooping cough, meningococcal infection, measles, mumps, influenza). Personal protective equipment</p>	4	story-explanation, conversation, presentation, discussion	<p>Current control: oral examination (individual and frontal); written examination; self-control; report; speech on a given topic</p> <p>Final control: credit</p>

5	Anti-epidemic measures in foci of infections with a fecal-oral transmission mechanism (shigellosis, typhoid and paratyphoid, hepatitis A, salmonellosis). Personal protective equipment	4	story-explanation, conversation, presentation, discussion	Current control: oral examination (individual and frontal); written examination; self-control; report; speech on a given topic Final control: credit
6	Anti-epidemic measures in foci of infections with a contact mechanism of transmission (HIV infection, hepatitis B and C) Personal protective equipment	4	story-explanation, conversation, presentation, discussion	Current control: oral examination (individual and frontal); written examination; self-control; report; speech on a given topic Final control: credit
7	Anti-epidemic measures in foci of infections with a transmissible transmission mechanism. (malaria, Lyme borreliosis) Personal protective equipment.	4	story-explanation, conversation, presentation, discussion	Current control: oral examination (individual and frontal); written examination; self-control; report; speech on a given topic Final control: credit
8	Defense of individual independent work. Final test	2	consultation	Final control: credit
Total hours of the practical classes		30		

2.2.4. Laboratory classes

It does not have

2.2.5. Self-work topics

№	Topics	hours	Methods Learning	Forms control
1	The doctrine of the epidemic process. Peculiarities of the epidemic process during an emergency.	10	story-explanation, conversation,	Current control: oral examination (individual and frontal); written

			presentation, discussion	examination; self-control; report; speech on a given topic Final control: credit
2.	Principles of organization and implementation of anti-epidemic and preventive measures in centers of infectious diseases. Anti-epidemic and preventive measures regarding sources of infection, ways and factors of transmission of pathogens and relative to contact persons. Immunoprophylaxis of infectious diseases	10	story- explanation, conversation, presentation, discussion	Current control: oral examination (individual and frontal); written examination; self-control; report; speech on a given topic Final control: credit
3.	Anti-epidemic measures in foci of infections with an aerosol transmission mechanism (COVID-19, diphtheria, whooping cough, meningococcal infection, measles, mumps, influenza). Personal protective equipment	10	story- explanation, conversation, presentation, discussion	Current control: oral examination (individual and frontal); written examination; self-control; report; speech on a given topic Final control: credit
4	Anti-epidemic measures in foci of infections with a fecal-oral transmission mechanism (shigellosis, typhoid and paratyphoid, hepatitis A, salmonellosis). Personal protective equipment	20	story- explanation, conversation, presentation, discussion	Current control: oral examination (individual and frontal); written examination; self-control; report; speech on a given topic Final control: credit
5	Anti-epidemic measures in foci of infections with a contact mechanism of transmission (HIV infection, hepatitis B and C) Personal protective equipment	10	story- explanation, conversation, presentation, discussion	Current control: oral examination (individual and frontal); written examination; self-control; report; speech on a given topic Final control: credit

6	Anti-epidemic measures in foci of infections with a transmissible transmission mechanism. (malaria, Lyme borreliosis) Personal protective equipment.	6	story- explanation, conversation, presentation, discussion	Current control: oral examination (individual and frontal); written examination; self-control; report; speech on a given topic Final control: credit
	Final test preparation	4		credit
	Total	58		

3. EVALUATION CRITERIA

3.1 Carried out in accordance with the "Instructions for the evaluation of educational activities in the European credit transfer system for the organization of the educational process (order of KhNMU from 21. 08. 2021 № 181)

Evaluation of current learning activities (CLA)

When assessing the mastery of each subject of the component (CLA), the applicant is graded according to the traditional 4-point system: "excellent", "good", "satisfactory" or "unsatisfactory".

The final score for the current learning activity (CLA) is defined as the arithmetic mean of traditional grades for each lesson, rounded to 2 decimal places and listed in a multi-point scale according to Table 1 (see below).

CLA is considered fulfilled if the applicant in the current semester has completed all missed classes and lectures, and the average score for all topics of the PC is 3 points or higher, in which case the statement is marked "completed" and indicates the average score in 4-point system (is calculated automatically within the functionality of the electronic journal of ACS), or "unfinished", if the applicant in the current semester has unfinished missed classes and lectures, or an average score below 3 points.

The recalculation of the average score for CLA is carried out in accordance with table 2, as the component ends with a credit. The number of points that must be scored by the applicant for higher education for admission to the final test from 129 to 200 points.

The final score for the current educational activities in the semester is defined as the arithmetic mean of national grades for each lesson, rounded to 2 decimal places. Recalculation of the average grade for current educational activities in a multi-point scale is carried out in accordance with table 2. To enroll a student must receive from 120 to 200 points.

Table 2

**Recalculation of the average score for current activities in a multipoint scale
(for components 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 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		

Assessment of individual tasks

At the meeting of the department approved a list of individual tasks with the definition of the number of points for their performance, which can be added as incentives (not more than 10). Points for individual tasks are accrued once only on a commission basis (commission - head of the department, head teacher, group teacher) only if they are successfully completed and defended. The total amount of points may not exceed 200 points.

Assessment of students' self-work

Assimilation of topics that are submitted only for self-work is checked during practical classes and tests.

Grade from the component

The course is studied during the 1st semester. Component ends with a test.

Component assessment technology (Table 3 of the "Instructions for assessing the educational activities of students").

Assessment of the results of the study of components is carried out directly during the test. The grade in the component is defined as the sum of scores on CLA, listed in the 200-point scale according to Table 2 and individual student tasks and is min - 120 to max - 200. Correspondence of grades on the 200-point scale, four-point (national) scale and ECTS scale is given in table 3.

Table 3

Correspondence of estimates on a 200-point scale, four-point (national) scale and ECTS scale

Rating on a 200-point scale	Assessment on the ECTS scale	Score for
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		four-point (national) scale
180–200	A	excellent
160–179	B	good
150–159	C	good
130–149	D	satisfactory
120–129	E	satisfactory
Less than 120	F, Fx	unsatisfactory

The grade in the component is given only to students who have completed the curriculum in the component in full. Grades "FX" or "F" ("unsatisfactory") are given to students who are not credited with the study of the component, the form of control of which is credit.

After completing the study of the component responsible for the organization of educational and methodical work at the department or the teacher puts the student's grade on the scales (Table 6) in the record book and fill in the progress of students in the component forms: U-5.03A - credit.

Elimination of academic debt (working off)

Students must complete all missed classes and unsatisfactory grades. At the same time, classes are held within one calendar month from the moment of skipping or receiving an unsatisfactory grade is carried out once without obtaining permission from the dean's office and without payment. At the end of the one-month period, classes are held in accordance with the "Regulations on the procedure for students of Kharkiv National Medical University to study," approved by the order of KhNMU from 07.12.2015 №.415;

3.3 Control questions, tasks for self-work

Section of the educational component 1. General laws of the spread of infectious diseases among people and ways to fight infections.

1. Epidemic process and its components.
2. Sections of teaching about the epidemic process.
3. Driving forces of the epidemic process.
4. The importance of the social factor in the development of the epidemic process.
5. The importance of the natural factor in the development of the epidemic process.
6. Biological factor of the epidemic process.
7. Peculiarities of the epidemic process in anthroponoses and zoonoses. The concept of sapronosis.
8. Quantitative and qualitative manifestations of the epidemic process.
9. Source and reservoir of pathogens of infectious diseases.
10. Sick person and carrier and their epidemiological significance.
11. Categories of carriers of infectious disease agents.
12. Measures regarding patients and carriers as sources of pathogens of infectious diseases.
13. Epidemiological importance of animals (rodents, domestic animals, etc.).
14. The concept of deratization, types and methods.
15. L. V. Gromashevsky's theory of the mechanism of transmission of infectious disease agents. Definition of the transmission mechanism, its links. Factors and ways of transmission of pathogens of infectious diseases.
16. Laws of correspondence of the transmission mechanism to the primary (epidemiological) localization of the pathogen in the human body.
17. Types of mechanisms of transmission of pathogens of human infectious diseases.

18. Epidemiological importance of arthropods (mosquitoes, flies, ticks, lice, fleas, etc.) as carriers of pathogens of infectious diseases. Types and methods of disinsection.
19. Definition of disinfection, its types and methods. Disinfection quality control.
20. Disinfection chambers, the principles of their arrangement and purpose.
21. Sterilization and its stages, quality control.
22. Hand hygiene of medical personnel.
23. Calendar of preventive vaccinations of Ukraine. Legal aspects of vaccine prevention.
24. Completing accounting and reporting documentation regarding vaccinations.

Section of the educational component 2. Organization and implementation of anti-epidemic measures in centers of infectious diseases.

1. Epidemiological classification of infectious diseases.
2. Epidemiological features of the group of intestinal infections.
3. Epidemiological features of the group of respiratory tract infections.
4. Epidemiological features of the group of blood infections.
5. Epidemiological features of the group of external covers.
6. Preventive and anti-epidemic measures for the most common diseases.
7. Typhoid fever. Epidemiological features (source of pathogens, factors and ways of transmission, manifestations of the epidemic process), preventive and anti-epidemic measures.
8. Hepatitis A. Epidemiological features (source of pathogens, factors and ways of transmission, manifestations of the epidemic process), preventive and anti-epidemic measures.
9. Shigellosis. Epidemiological features (source of pathogens, factors and ways of transmission, manifestations of the epidemic process), preventive and anti-epidemic measures.
10. Influenza and other GR3. Etiological structure, epidemiological features (source of pathogens, factors and ways of transmission, manifestations of the epidemic process), preventive and anti-epidemic measures.
11. Diphtheria. Epidemiological features (source of pathogens, factors and ways of transmission, manifestations of the epidemic process), preventive and anti-epidemic measures.
12. Cyrus. Epidemiological features (source of pathogens, factors and ways of transmission, manifestations of the epidemic process), preventive and anti-epidemic measures.
13. Tuberculosis. Epidemiological features (source of pathogens, factors and ways of transmission, manifestations of the epidemic process), preventive and anti-epidemic measures.
14. Salmonellosis. Epidemiological features (source of pathogens, factors and ways of transmission, manifestations of the epidemic process), preventive and anti-epidemic measures.
15. Hepatitis B. Epidemiological features (source of pathogens, factors and ways of transmission, manifestations of the epidemic process), preventive and anti-epidemic measures.
16. Hepatitis C. Epidemiological features (source of pathogens, factors and ways of transmission, manifestations of the epidemic process), preventive and anti-epidemic measures.
17. HIV infection. Epidemiological features (source of pathogens, factors and ways of transmission, manifestations of the epidemic process), preventive and anti-epidemic measures.
18. Malaria. Epidemiological features (source of pathogens, factors and ways of transmission, manifestations of the epidemic process), preventive and anti-epidemic measures
19. COVID-19. Epidemiological features (source of pathogens, factors and ways of transmission, manifestations of the epidemic process), preventive and anti-epidemic measures.
20. Lyme borreliosis. Epidemiological features (source of pathogens, factors and ways of transmission, manifestations of the epidemic process), preventive and anti-epidemic measures.

3.4 Individual tasks

The individual task includes the development and presentation of a presentation on the organization of preventive and anti-epidemic measures in the focus of a certain epidemic infectious disease.

Independent work also includes preparation for practical classes. Processing the material according to the outline. Working with supporting literature. Research and analytical work

Distribution of additional points for winners depending on the type of individual work performed

Type of individual work	Scores
Presentation and publication of theses at conferences with international participation	8 - 10
Presentation and publication of theses at conferences in Ukraine	7 - 8
Publication of theses at conferences with international participation	5 - 6
Publication of theses at conferences in Ukraine	4 - 6
Search for epidemiological data	0 - 4
Preparation of an oral message with a presentation in class	2 - 4
Preparation of an oral message in class	0 - 2

3.5 Rules for appealing the assessment

The complaint is submitted to the person responsible for educational and methodical work or the head of the department, discussed at the meeting of the department, students are offered to pass the test before the commission, which includes the head of the department, head of the department, associate professor and / or lecturer of the academic group.

4. COMPONENT POLICY

Academic expectations from higher education students

Component requirements

It is expected that applicants for higher education will attend all practical classes and complete all sections of independent work. If they missed classes, it is necessary to work it out (according to the schedule on the information stand of the department)

Written and homework must be completed completely and on time, if the applicant has questions, you can contact the teacher in person or by e-mail, which the teacher provides in the first practical lesson. During the practical classes, the higher education seeker and the higher education seeker are recommended to keep a synopsis of the lesson and keep a sufficient level of silence. Asking questions to the teacher is perfectly normal.

Applicants for higher education must arrive on time, not be late, in class must be dressed in a medical gown, changeable shoes and boot covers are not required, outerwear remains in the wardrobe.

The use of electronic gadgets is allowed if necessary (as a calculator or for visual presentation of information in the form of graphs and charts), but calls can be made only during a break, finding the correct answer using gadgets via the Internet is prohibited.

Behavior in the audience

Basic "yes" and "no"

It is important for a higher education student to follow the rules of good conduct at the university. These rules are common to 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 audience for a short time if necessary and with the permission of the teacher;
- drink soft drinks;
- take photos of presentation slides;
- take an active part in the course of the lesson (see Academic expectations from higher education seekers).

forbidden:

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

With regard to persons with special educational needs, all students have the right to receive knowledge, including, if necessary, in a distance format.

Recommendations for successful completion of the component - active participation in the discussion in the audience, the student of higher education should be ready to understand the material in detail, ask questions, express their views, discuss. During the discussion it is important:

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

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

Safety precautions

The first lesson of the course will explain the basic principles of labor protection by conducting appropriate training. It is expected that everyone should know where the nearest evacuation exit is, where the fire extinguisher is, how to use it, and so on.

5. ACADEMIC INTEGRITY

The Department of Epidemiology maintains zero tolerance for plagiarism. Applicants for higher education are expected to constantly raise their awareness of academic writing. The first classes will provide information on what to consider plagiarism and how to properly conduct research and scientific research. Additional points are credited for commission for individual educational and research tasks (IDP) for retrospective epidemiological analysis of infectious diseases, and presentation of research results at scientific and practical conferences of various levels (oral report, publication of abstracts, articles in professional journals, poster reports). However, if plagiarism is detected, the points will be canceled and deducted.

6. Recommended Books.

1. Gary D. Friedman. Primer of epidemiology. 5-th ed. p. McGraw-Hill: Professional, - 2004. – 401 p.
2. N.O. Vynograd General epidemiology. Kyiv. AUS Medicine Publishing. 2014. – 127 p.
3. N.O. Vynograd Special epidemiology. Kyiv. AUS Medicine Publishing. 2016. – 184 p.
4. www.cdc.gov/.../index.html
5. European Health for All Database (access mode: www.euro.who.int/en/home).

6. Raymond S. Greenberg. Medical Epidemiology: Population Health and Effective Health Care, 5th Edition. McGraw-Hill; 2015
7. Bhopal RS. Concepts of Epidemiology. Oxford University Press; 2016
8. Centers for Disease Control and Prevention. An Introduction to Applied Epidemiology and Biostatistics.
9. U.S. Preventive Services Task Force Procedure Manual. https://www.uspreventiveservicestaskforce.org/uspstf/sites/default/files/inline-files/procedure-manual_2016%20%281%29.pdf. Updated: December 1, 2015. Accessed: August 10, 2020.

7. INFORMATION RESOURCES

1. WHO <https://www.who.int/ru>, <https://www.who.int/countries/ukr/ru/>
2. CDC <https://www.multitran.com/c/M.exe?l1=1&l2=2&s=Centers+for+Disease+Control+>
3. ECDC <https://www.ecdc.europa.eu/en>

8. OTHER

Provisions on prevention, prevention and settlement of cases related to sexual harassment and discrimination in KhNMU

http://files.knmu.edu.ua:8181/upload/redakt/doc_uchproc/polog-sex.doc

Regulations on Academic Integrity and Ethics of Academic Relations at Kharkiv National Medical University

http://files.knmu.edu.ua:8181/upload/redakt/doc_uchproc/polog_ad_etyka_text.pdf

The order of conducting classes on in-depth study by students of Kharkiv National Medical University of certain components beyond the scope of the curriculum

http://files.knmu.edu.ua:8181/upload/redakt/doc_uchproc/nak-poriad-pogl-vyv-dysc.docx

Regulations 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

Regulations on the recognition of the results of non-formal education at Kharkiv National Medical University

http://files.knmu.edu.ua:8181/upload/redakt/doc_uchproc/polog_neform_osv.pdf 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=uk

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=uk

http://files.knmu.edu.ua:8181/upload/redakt/doc_uchproc/kodex_AD.docx