

**MINISTRY OF EDUCATION AND SCIENCE OF UKRAINE
STATE UNIVERSITY
“UZHGOROD NATIONAL UNIVERSITY”
MEDICAL FACULTY 2
DEPARTMENT OF PUBLIC HEALTH AND HUMANITARIAN DISCIPLINES**

«APPROVED»
Dean of the Medical Faculty 2
Prof. Kaliy V.V.

« 30 » 08 2021

SOCIAL MEDICINE, PUBLIC HEALTH

Educational degree	Master
Studying direction	22 “Health Care”
Specialty	222 “Medicine”
Educational program	General Medicine
Discipline status	Compulsory
The language of instruction	English

Social medicine, public health working program for international students with English language of studying, the studying direction 22 "Health Care", specialty 222 "Medicine", educational program "General Medicine"

Author:

Pohorilyak R.Yu., Doctor of Medicine, Associate professor, Head of the Department of Public Health and Humanitarian Disciplines

Goncharuk-Khomin M. Yu., Assistant of the Department of Public Health and Humanitarian Disciplines

Feger O.V., Assistant of the Department of Public Health and Humanitarian Disciplines

Ladani S.A., Assistant of the Department of Public Health and Humanitarian Disciplines

The work program is approved at the meeting of the Department of Public Health and Humanitarian Disciplines

Protocol № 11 from « 16 » 06 2021

Head of the Department of Public Health and Humanitarian Disciplines

 Associative Professor Pohorilyak R.Yu.

Approved by the Scientific and Methodical Commission of the Medical Faculty 2

Protocol № 6 from « 29 » 06 2021

Head of the Scientific and Methodical Commission  Malets N.B.

© Pohorilyak R.Yu. 2021

© Goncharuk-Khomin M. Yu., 2021

© Feger O.V., 2021

© Ladani S.A., 2021

1. DESCRIPTION OF THE COURSE

Name of indicators	Distribution of hours according to the curriculum	
	Full-time teaching	External form of teaching
Credits ECTS – 9	Year of training:	
The total number of hours – 180	3,4	-
Number of modules – 3	Semester:	
Weekly hours for full-time study: classroom – 2 individual work of students – 1,5	6,7	-
	Lectures:	
	30	-
	Practical:	
	60	-
Type of final control: exam	Laborator:	
	-	-
Form of final control: oral	Individual work:	
	90	-

2. PURPOSE OF THE COURSE

The purpose of studying the discipline «**Social medicine, public health**» is to acquire the necessary knowledge, skills and competencies for research, analysis and evaluation of public health, organization, resources and activities of the health care system, development from the standpoint of evidence medicine recommendations to prevent and eliminate the harmful effects of factors on health and to improve the organization of medical care and public health.

According to the educational program, the study of the discipline contributes to the formation of higher education in the following competencies:

General competencies:

- Ability to abstract thinking, analysis and synthesis
- Ability to learn and master modern knowledge
- Ability to apply knowledge in practical situations
- Knowledge and understanding of the subject area and understanding of professional activity
- Ability to adapt and act in a new situation
- Ability to make informed decisions
- Ability to work in a team
- Interpersonal skills
- Ability to communicate in the state language both orally and in writing
- Skills in the use of information and communication technologies
- Ability to act socially responsibly and consciously
- The desire to preserve the environment
- Ability to act on the basis of ethical considerations (motives)

Professional competencies:

- Skills of collecting information about the patient
- Ability to conduct sanitary and hygienic and preventive measures
- Ability to plan preventive and anti-epidemic measures for infectious diseases
- Ability to carry out preventive and anti-epidemic measures against infectious diseases
- Ability to determine the tactics of contingent of persons subject to dispensary supervision
- Ability to conduct a performance examination
- Ability to maintain medical records
- Ability to process state, social, economic and medical information
- Ability to conduct activities for the organization and integration of medical care
- Ability to conduct epidemiological and medical-statistical studies of public health
- Ability to assess the impact of the environment on the health of the population (individual, family, population)
- Ability to assess the impact of socio-economic and biological determinants on the health of the individual, family, population
- Ability to analyze the activities of a doctor, department, health care institution
- Ability to take measures to ensure the quality and safety of medical care
- Ability to take measures to improve resource efficiency
- Ability to market medical services

3. PREREQUISITES FOR STUDYING THE COURSE

Interdisciplinary connections. Prerequisites for studying the discipline «**Social medicine, public health**» are mastering the following disciplines of the educational program:

- Medical and biological physics
- Medical Informatics
- History of medicine and medical ethics
- Hygiene and ecology
- Epidemiology and principles of evidence-based medicine

4. EXPECTED LEARNING OUTCOMES

According to the educational program «**Social Medicine, Public Health**», the study of the discipline should ensure that higher education students achieve the following program learning outcomes (PLO):

Program learning outcomes	PLO code
To form dispensary groups of patients among the fixed contingent of the population; groups of healthy people subject to dispensary supervision. Implement a system of anti-epidemic and preventive measures within the primary health care. Implement a system of primary prevention measures within the primary health care. Organize secondary and tertiary prevention measures among the assigned contingent of the population.	PLO 12
Determine the presence and degree of restrictions on life, type, degree and duration of disability with the execution of relevant documents.	PLO 15
Prepare an annual report on personal production activities; keep medical records of the patient and the population.	PLO 16
Conduct screening for major non-communicable diseases; evaluate morbidity indicators, integrated health indicators; identify risk factors for the occurrence and course of diseases; to form risk groups of the population. Determine the source and/or location of the required information depending on its type; receive the necessary information from a specific source; process and analyze the received information.	PLO 17
Identify negative environmental factors; analyze the state of health of a certain contingent; determine the relationship between the state of the environment and the state of health of a particular contingent; develop preventive measures based on data on the relationship between the state of the environment and the state of health of a particular contingent. Carry out analysis of morbidity of the population, identifying risk groups, risk areas, time of risk, risk factors. Assess the impact of socio-economic and biological determinants on the health of the individual, family, population.	PLO 18
Investigate the scope and effectiveness of the doctor, department, health care institution; identify defects in activities and the reasons for their formation. Carry out selection and use unified clinical protocols for the provision of medical care, developed on the basis of evidence-based medicine; develop and use local health care protocols. Carry out quality control of medical care; identify factors that hinder the improvement of the quality and safety of medical care. Estimate the cost of medical services; substantiate the choice of an adequate method of financing (payment) and the choice of rational forms of organization of medical services. Apply methods of economic analysis when choosing methods of diagnosis, prevention, treatment, rehabilitation.	PLO 19
Organize the work of medical staff; to form rational medical routes of patients; organize interaction with colleagues, organizations and institutions; apply tools to promote medical services.	PLO 20
Adhere to a healthy lifestyle, use the techniques of self-regulation and self-control.	PLO 22

Expected learning outcomes to be achieved by students after mastering the discipline «**Social medicine, public health**»:

ELO code	Expected learning outcomes of the discipline	PLO CODE
ELO 12	Ability to draw conclusions about the impact of various factors on public health. Based on knowledge of socio-economic and biological determinants that affect the health of the population, be able to assess the relationship and impact of socio-economic and biological factors on the health of the individual, family, health population.	PLO 12
ELO 15	Ability to organize interaction with the head of the unit, medical advisory commission (MAC), medical and social expert commission (MSEC) on the examination of working capacity. Based on knowledge of the main regulations governing the establishment of the type, degree and duration of disability, basic knowledge of medical and social examination, the main types of temporary disability and the procedure for its ability to be able to simulate the presence and course of the disease in the simulated clinical and organizational situation. and the severity of life limitations, type, degree and duration of disability. Be able to draw up the relevant documents certifying temporary disability.	PLO 15
ELO 16	Knowledge of the official document management system in the professional work of a doctor, including modern computer information technology. Ability to obtain the necessary information from a specific source. Ability to draw conclusions based on the analysis of the information obtained. Be able to determine the source and location of the required information depending on its type, be able to process information and analyze the information obtained.	PLO 16
ELO 17	Ability to draw conclusions based on the analysis and statistical processing of information obtained on the basis of acquired knowledge of standard procedures, including modern computer information technology, for the processing of medical information. Be able to determine the source of finding the necessary information; ability to conduct statistical processing of material and analysis of the received information.	PLO 17
ELO 18	Acquisition of knowledge, skills and acquisition of competencies for assessing the state of health of the population and the impact of determinants on it, risk assessment, as well as the development and implementation of preventive	PLO 18

	measures aimed at preserving, promoting health and social well-being.	
ELO 19	<p>Ability to obtain the necessary information from identified sources, the ability to inform relevant officials to ensure conditions for the provision of quality and safe medical care. Knowledge of the main characteristics of the quality of medical care.</p> <p>Based on knowledge of the main components of improving the quality of medical care, requirements for standardization of medical care to be able to control the quality of medical care on the basis of statistical data, expert evaluation and sociological research, identify factors that hinder quality and safety of medical care; substantiate management decisions to improve the quality and safety of health care.</p>	PLO 19
ELO 20	<p>Ability to obtain information from relevant sources about the activities of a doctor, department, health care institution. Be able to calculate and evaluate the main indicators of the doctor, department, health care institution, identify defects and the reasons for their formation and on their basis to justify management decisions to improve the activities of the doctor and health care institution.</p>	PLO 20
ELO 22	<p>Guided by knowledge of the health of the patient and the population and the principles of prevention and methods of promoting a healthy lifestyle, be able to assess the health of patients and the public at the service site, be able to organize the promotion of a healthy lifestyle, primary prevention of disease and injury.</p>	PLO 22

5. DIAGNOSTICS AND CRITERIA FOR EVALUATION OF LEARNING RESULTS

Assessment tools and methods for demonstrating learning outcomes

Means of assessment and methods of demonstrating learning outcomes in the discipline are:

ELO 12	Test control, oral examination, situational tasks.
ELO 15	Test control, oral examination, situational tasks.
ELO 16	Test control, oral examination, situational tasks.
ELO 17	Test control, oral examination, situational tasks.
ELO 18	Test control, oral examination, situational tasks.
ELO 19	Test control, oral examination, situational task.
ELO 20	Test control, oral examination.
ELO 22	Test control, oral examination.

Forms of control and criteria for evaluating learning outcomes

Forms of current control: test, written, oral

Form of modular control: test, written

Form of final semester control: oral - test, exam.

Distribution of points received by applicants for higher education (module 1)

Ongoing assessment and independent work				Modular control work	Sum
T1	T2	T3	T4	80	200
30	30	30	30		

T1-T4 – Topics

Distribution of points received by applicants for higher education (module 2)

Ongoing assessment and independent work															Modular control work	Sum
T1	T2	T3	T4	T5	T6	T7	T8	T9	T10	T11	T12	T13	T14	T15	80	200
8,5	8,5	8,5	8,5	8,5	8,5	8,5	8,5	8,5	8,5	8,5	8,5	8,5	8,5	8,5		

T1-T15 – Topics

Distribution of points received by applicants for higher education (module 3)

Ongoing assessment and independent work															Modular control work	Sum
T1	T2	T3	T4	T5	T6	T7	T8	T9	T10	T11	T12	T13	T14	T15	80	200

8,5	8,5	8,5	8,5	8,5	8,5	8,5	8,5	8,5	8,5	8,5	8,5	8,5	8,5	8,5	8,5		
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	--	--

T1-T14 – Topics

Assessment of certain types of educational work in the discipline

Type of activity of the applicant for higher education	Module 1		Module 2		Module 3	
	Number	Maximum number of points (total)	Number	Maximum number of points (total)	Number	Maximum number of points (total)
Practical classes	4	120	9	120	14	120
Modular control	1	80	1	80	1	80
Together		200		200		200

Criteria for evaluating modular control work

The student is admitted to the final modular control if the conditions of the curriculum are met, if for the current academic activity in the discipline he scored at least 72 points, as well as if the student has not missed a single lesson.

The minimum grade that a student can receive for a modular test is - 48 points.

DISTRIBUTION OF POINTS ASSIGNED TO STUDENTS

Current educational activity	Module 1	Module 2	Module 3
Topic 1	30	8,5	8,5
Topic 2	30	8,5	8,5
Topic 3	30	8,5	8,5
Topic 4	30	8,5	8,5
Topic 5	-	8,5	8,5
Topic 6	-	8,5	8,5
Topic 7	-	8,5	8,5
Topic 8	-	8,5	8,5
Topic 9	-	8,5	8,5
Topic 10	-	8,5	8,5
Topic 11	-	8,5	8,5
Topic 12	-	8,5	8,5
Topic 13	-	8,5	8,5
Topic 14	-	8,5	8,5
Total sum of points for current educational activities	120	120	120
Final modular control	80	80	80
The total amount of points for the discipline	200	200	200

Conversion of points

Module I. Biostatistics			
Practical lesson	Current success	Modular control work	200-point system
«A» - 27-30	108-120	«A» - 72-80	«A» - 180-200
«B» - 24-26	98-107	«B» - 65-71	«B» - 164-179
«C» - 22-23	89-97	«C» - 59-64	«C» - 163-148
«D» - 19-21	77-88	«D» - 51-58	«D» - 128-147
«E» - 18	72-76	«E» - 48-5	«E» - 120-127
«Fx» - 10-17	42-71	«Fx» - 28-47	«Fx» - 70-119
«F» - 0-9	0-41	«F» - 0-27	«F» - 0-69

Module II. Public health			
Practical lesson	Current success	Modular control work	200-point system
«A» - 12-13,3	108-120	«A» - 72-80	«A» - 180-200
«B» - 11	98-107	«B» - 65-71	«B» - 164-179
«C» - 10	89-97	«C» - 59-64	«C» - 163-148
«D» - 9	77-88	«D» - 51-58	«D» - 128-147
«E» - 8	72-76	«E» - 48-5	«E» - 120-127
«Fx» - 5-7	42-71	«Fx» - 28-47	«Fx» - 70-119
«F» - 0-4	0-41	«F» - 0-27	«F» - 0-69

Module III. Social medicine			
Practical lesson	Current success	Modular control work	200-point system
«A» - 7,5-8,5	108-120	«A» - 72-80	«A» - 180-200
«B» - 7	98-107	«B» - 65-71	«B» - 164-179
«C» - 6	89-97	«C» - 59-64	«C» - 163-148
«D» - 5,5	77-88	«D» - 51-58	«D» - 128-147
«E» - 6	72-76	«E» - 48-5	«E» - 120-127
«Fx» - 3-4	42-71	«Fx» - 28-47	«Fx» - 70-119
«F» - 0	0-41	«F» - 0-27	«F» - 0-69

Criteria for evaluating the final semester control

The maximum number of points assigned to students when mastering the module (credit) - **200 points**, including for current educational activities - **120 points** (sum of points for current educational activities and for independent work of the student), according to the results of modular final control - **80 points**.

Students who have completed the curriculum and received at least **72 points (35%)** for current performance and modular control work, as well as in the absence of missed classes are admitted to the test and exam.

The final grade for the test is derived by adding the grade for the current performance and the modular grade.

The final grade for the exam is calculated as the arithmetic mean of the two modules.

If one of the modules is less than **120 points**, the student must pass the exam.

Total points for all the educational activities	Score scale ECTS	Assessment on a national scale	
		For exam	For test
180-200	A	perfectly	Passed
164-178	B	good	
148-163	C		
128-147	D	Satisfactorily	
120-127	E		
70-119	FX	Poor may re-take the exam	Not passed may re-up test
0-69	F	Poor from the compulsory re-learning courses	Not credited with the compulsory re-learning courses

6. STRUCTURE OF DISCIPLINE

6.1. The content of the discipline

Semantic module 1

- Topic 1. Introduction to biostatistics
- Topic 2. Absolute and relative values
- Topic 3. Methods of standardization
- Topic 4. Average values
- Topic 5. Final module control 1

Semantic module 2

- Topic 1. Social medicine as a science
- Topic 2. Health of population
- Topic 3. Demography
- Topic 4. Indicators of the natural movement
- Topic 5. Indicators of the mechanical movement
- Topic 6. Morbidity of the population as medical and social problem
- Topic 7. Epidemiological methods of the disease studying
- Topic 8. Methods of studying the indicators of general morbidity
- Topic 9. Socially significant diseases
- Topic 10. Outpatient care
- Topic 11. Inpatient care
- Topic 12. Emergency care
- Topic 13. Family medicine and its role in the system of medical care
- Topic 14. The content and organization of the Family doctors (General practitioner)
- Topic 15. Final module control 2

Semantic module 3

- Topic 1. Maternity and childhood protection
- Topic 2. The organization of the maternity hospital
- Topic 3. The organization of children's hospital
- Topic 4. Expertise of temporary disability
- Topic 5. Methods of examination of temporary disability

Topic 6. Organization of permanent disability

Topic 7. The basic of management

Topic 8. Management in health care system

Topic 9. Methods of decision making

Topic 10. Quality of medical care

Topic 11. The methodology of the expert assessment

Topic 12. Standards of medical technology

Topic 13. Healthy lifestyle

Topic 14. Hygienic education

Topic 15. Final module control 3

6.2. Structure of discipline

Names of content modules and themes	Number of hours					
	Classroom					
	Whole	Including				
		Lectures	Practical	Laboratory	Individ	Independ
Semester 1						
Semantic module 1						
Topic 1. Introduction to biostatistics	5		2			3
Topic 2. Absolute and relative values	5		2			3
Topic 3. Methods of standardization	5		2			3
Topic 4. Average values	5		2			3
Topic 5. Final module control 1	6		2			4
Lecture №1. Introduction to biostatistics	2	2				
Lecture №2. Absolute and relative values	2	2				
Lecture №3. Methods of standardization	2	2				
Lecture №4. Average values	2	2				
Lecture №5. Evidence-based medicine. Cochrane collaboration.	2	2				
Together for the module	36	10	10			16
Semantic module 2						
Topic 1. Social medicine as a science	4		2			2
Topic 2. Health of population	4		2			2
Topic 3. Demography			2			2
Topic 4. Indicators of the natural movement	4		2			2
Topic 5. Indicators of the mechanical movement	4		2			2
Topic 6. Morbidity of the population as medical and social problem	4		2			2
Topic 7. Epidemiological methods of the disease studying	4		2			2
Topic 8. Methods of studying the indicators of general morbidity	4		2			2
Topic 9. Socially significant diseases	4		2			2
Topic 10. Outpatient care	4		2			2
Topic 11. Inpatient care	4		2			2
Topic 12. Emergency care	4		2			2
Topic 13. Family medicine and its role in the system of medical care	4		2			2
Topic 14. The content and organization of the Family doctors (General practitioner)	4		2			2
Topic 15. Final module control 2	8		2			6
Lecture №1. Social Medicine and Health Organization as a science. Subject of the methods mentioned for public health practice.	2	2				
Lecture №2. Medical and social problems of demographic processes. Features of demographics in	2	2				

different regions of the world, some countries and Ukraine.						
Lecture №3. Morbidity of population as medical and social problem. Epidemiological methods for studying disease.	2	2				
Lecture №4. Organization of different types of treatment and preventive care. Outpatient, ambulatory care, hospital and emergency care.	2	2				
Lecture №5. Family medicine and its role in the system of medical care. The content and organization of the family doctor (general practitioner)	2	2				
Together for the module	54	10	20			24
Together for the I semester	90	20	30			40
Semester 2						
Semantic module 3						
Topic 1. Maternity and childhood protection	6		2			4
Topic 2. The organization of the maternity hospital	6		2			4
Topic 3. The organization of children's hospital	6		2			4
Topic 4. Expertise of temporary disability	6		2			4
Topic 5. Methods of examination of temporary disability	6		2			4
Topic 6. Organization of permanent disability	6		2			4
Topic 7. The basic of management	6		2			4
Topic 8. Management in health care system	6		2			4
Topic 9. Methods of decision making	4		2			2
Topic 10. Quality of medical care	6		2			4
Topic 11. The methodology of the expert assessment	4		2			2
Topic 12. Standards of medical technology	4		2			2
Topic 13. Healthy lifestyle	4		2			2
Topic 14. Hygienic education	4		2			2
Topic 15. Final module control 3	6		2			4
Lecture №1. Medical and social problems of mothers and children. Reproductive health. Organization examination disability.	2	2				
Lecture №2. Medical and social aspects of disability.	2	2				
Lecture №3. The essence and characteristics evaluation of the quality of medical care. The formation of different types of quality standards of care.	2	2				
Lecture №4. Organization of sanitary-epidemiological of the population.	2	2				
Lecture №5. Basic management of the health system.	2	2				
Together for the module	90	10	30			50
Together for the II semester	90	10	30			50
Together for a year	180	30	60			90

6.3. Topics of practical (laboratory) classes

№	Theme	Number of hours	
		Intramural	Extramural
1	Topic 1. Introduction to biostatistics	2	-
2	Topic 2. Absolute and relative values	2	-
3	Topic 3. Methods of standardization	2	-
4	Topic 4. Average values	2	-
5	Topic 5. Final module control 1	2	-
6	Topic 1. Social medicine as a science	2	-
7	Topic 2. Health of population	2	-
8	Topic 3. Mortality of population	2	-
9	Topic 4. Morbidity of population	2	-
10	Topic 5. Outpatient care	2	-
11	Topic 6. Inpatient care	2	-
12	Topic 7. Characteristic of certain types of disease in regions of the world countries	2	-
13	Topic 8. Emergency care	2	-
14	Topic 9. The content and organization of the Family doctor	2	-
15	Topic 10. Final module control 2	2	-
16	Topic 1. Maternity and childhood protection	2	-
17	Topic 2. The organization of the maternity hospital	2	-
18	Topic 3. The organization of children's hospital	2	-
19	Topic 4. Expertise of temporary disability	2	-
20	Topic 5. Methods of examination of temporary disability	2	-
21	Topic 6. Organization of permanent disability	2	-
22	Topic 7. The basic of management	2	-
23	Topic 8. Management in health care system	2	-
24	Topic 9. Methods of decision making	2	-
25	Topic 10. Quality of medical care	2	-
26	Topic 11. The methodology of the expert assessment	2	-
27	Topic 12. Standards of medical technology	2	-
28	Topic 13. Healthy lifestyle	2	-
29	Topic 14. Hygienic education	2	-
30	Topic 15. Final module control 3	2	-
Together		60	-

6.5. Individual tasks

For each topic of the practical lesson and for the topic of independent work, test tasks and / or individual situational tasks are provided.

7. INSTRUMENTS, EQUIPMENT AND SOFTWARE USED BY THE COURSE

Hardware: computers with Internet access, multimedia tools, teaching materials.

Software: system software, Google-meet application, Moodle open source learning platform.

8. RECOMMENDED SOURCES OF INFORMATION

Recommended Literature

Basic

1. Громадське здоров'я / Під заг. ред. В.Ф.Москаленка. – Вінниця: Нова Книга, 2011. – 560 с.
2. Соціальна медицина та організація охорони здоров'я / Під заг. Ред. В.Ф.Москаленка. – Київ: Нова Книга, 2010. – 324 с.
3. Посібник із соціальної медицини та організації охорони здоров'я /За ред. Ю.В.Вороненка. – Київ: “Здоров'я”, - 2002. – 359 с.
4. Голяченко О.М. Соціальна медицина та організація охорони здоров'я (для ВНЗ III - IV рівнів акредитації). Тернопіль. – 2002.
5. Соціальна медицина та організація охорони здоров'я (для позааудиторної самостійної підготовки до практичних занять, для ВМНЗ III - IV рівнів акредитації). / За редакцією Руденя В.В. Львів. – 2003.
6. Біостатистика. Підручник для ВМНЗ. ISBN: 978-966-460-004-7. Автор: Москаленко В.Ф. Рік: 2009. – 184 с/

Additional

1. Соціальна медицина та організація охорони здоров'я / Під заг. Ред. Ю.В.Вороненка, В.Ф.Москаленка. – Тернопіль: Укрмедкнига, 2000. – 680 с.
2. Процек О.Г., Очеретько О.М. Методи соціальної медицини (для ВНЗ III - IV рівнів акредитації). Вінниця. – 2002.
3. Park K. Preventive and Social medicine. M/s Banarsidas Bhanot publisher. Jabalpur. - 2000.- 670p.

Informational recourses

1. Всесвітня організація охорони здоров'я www.who.int
2. Европейская база данных «Здоровье для всех» www.euro.who.int/ru/home
3. Кохрейнівський центр доказової медицини www.cebm.net
4. Кохрейнівська бібліотека www.cochrane.org
5. Національна медична бібліотека США – MEDLINE www.ncbi.nlm.nih.gov/PubMed
6. Канадський центр доказів в охороні здоров'я www.cche.net
7. Центр контролю та профілактики захворювань www.cdc.gov
8. Центр громадського здоров'я МОЗ України www.phc.org.ua
9. Українська база медико-статистичної інформації «Здоров'я для всіх»:
<http://medstat.gov.ua/ukr/news.html?id=203>
10. Журнал British Medical Journal www.bmj.com
11. Журнал Evidence-Based Medicine www.evidence-basedmedicine.com

**Viewing results
working program of the discipline**

The work program was re-approved on 20____ / 20____ academic year unchanged; with changes
(Annex ____).
(emphasis added)

Protocol № ____ from «____» _____ 20 ____

Head of the Department _____
(signature)

Pohorilyak R.Yu
(Surname initials)

The work program was re-approved on 20____ / 20____ academic year unchanged; with changes
(Annex ____).
(emphasis added)

Protocol № ____ from «____» _____ 20 ____

Head of the Department _____
(signature)

Pohorilyak R.Yu
(Surname initials)

The work program was re-approved on 20____ / 20____ academic year unchanged; with changes
(Annex ____).
(emphasis added)

Protocol № ____ from «____» _____ 20 ____

Head of the Department _____
(signature)

Pohorilyak R.Yu
(Surname initials)

The work program was re-approved on 20____ / 20____ academic year unchanged; with changes
(Annex ____).
(emphasis added)

Protocol № ____ from «____» _____ 20 ____

Head of the Department _____
(signature)

Pohorilyak R.Yu
(Surname initials)

The work program was re-approved on 20____ / 20____ academic year unchanged; with changes
(Annex ____).
(emphasis added)

Protocol № ____ from «____» _____ 20 ____

Head of the Department _____
(signature)

Pohorilyak R.Yu
(Surname initials)