

**MINISTRY OF HEALTH OF UKRAINE
KHARKIV NATIONAL MEDICAL UNIVERSITY**

Department of *Forensic Medicine, Medical Law*
named after Honored Professor M.S. Bokarius

Academic year 2021-2022

**SYLLABUS
OF EDUCATIONAL COMPONENT**

"Forensic Medicine (Dentistry). Medical Law"

(name of educational component)

Normative or elective educational component normative

Form of studying full-time
(full-time, distance)

Field of knowledge: 22 "Healthcare"
(code and name)

Specialty: "221 Dentistry"
(code and name)

Specialization _____

Educational and professional program

EPP « Dentistry »

second (master's) level of higher education

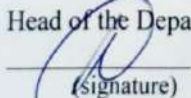
Year of studying III


Approved at the meeting of the Department of
Forensic Medicine, Medical Law named after
Honored Professor M.S. Bokarius

Approved by the methodical commission
of surgical profile problems of KhNMU:

Protocol at
"30" August 2021 № 11

Protocol at
"30" септ 2021 № 1

Head of the Department

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Head of the Commission

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**DATA ON TEACHERS WHO TEACH THE EDUCATIONAL
COMPONENT**

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INTRODUCTION

The syllabus of the discipline "Forensic medicine (dentistry). Medical law" is compiled in accordance with the educational-professional program (EPP) "Dentistry" and the Standard of higher education of Ukraine, the second (master's) level, field of knowledge: 22 "Healthcare", specialty: 221 "Dentistry".

Description of the discipline (abstract)

The discipline "Forensic Medicine (Dentistry) and Medical Law" is studied by students majoring in "Dentistry" in the first semester of the third year and provides thorough knowledge of the theory and practice of forensic medicine, due to the fact that under current law, law enforcement agencies have the right to performing expert functions of a doctor of any specialty, regardless of the faculty at which he received medical education, so forensic knowledge is important for every doctor, who, if necessary, must correctly apply them in practice.

Forensic medicine - a branch of science that studies issues of medical, biological and forensic nature, which provides the practical activities of the judiciary. Medical jurisprudence provides knowledge of the legal basis of medical activity. These scientific fields have a common legal basis, which led to their combination in one discipline - forensic medicine and medical law.

The subject of the studying of the discipline is the mastery of higher education students of theoretical knowledge and practical skills required in the implementation of practical activities in the field of health care, as well as in everyday life against a high level of legal awareness and legal culture.

Interdisciplinary relations.

<i>List of disciplines, on which the study of academic discipline is based</i>	<i>List of academic disciplines, for which the basis is laid as a result of studying the discipline</i>
Human anatomy and physiology	Surgical dentistry
Ethics and deontology	Maxillofacial surgery
Pharmacology	Therapeutic dentistry
Pathological anatomy	Health care organization
Pathological physiology	
Biological chemistry	
Medical physics	
Propedeutics of internal diseases	
Propedeutics of pediatrics	
Obstetrics and gynecology	
Histology	
Radiology	
Traumatology	

Prerequisite. The study of the discipline involves the prior mastering of credits for control and monitoring of activities in higher education institutions, the quality of the educational process.

Postrequisite. The main provisions of the discipline have access to the study of professional disciplines.

Link to the discipline page in MOODLE -

<http://distance.knmu.edu.ua/course/index.php?categoryid=52>

1. PURPOSE AND TASKS OF THE EDDUCATIONAL DISCIPLINE:

1.1. The purpose of the discipline is to provide students with knowledge of forensic medicine and medical law, to form the competence of highly qualified specialists in dentistry, able to apply the skills acquired in the study of forensic medicine and medical law in solving complex problems and problems in learning and further professional activity.

1.2. The main tasks of studying the discipline are:

- expansion and activation of students' previously acquired knowledge, skills and abilities acquired in the study of other medical-biological and clinical disciplines;
- obtaining competence to perform the functions of a forensic expert by a doctor in accordance with procedural legislation;
- gaining the ability to establish the fact and statute of limitations of biological death;
- gaining the ability to describe the corpse at the scene;
- gaining the ability to describe injuries;
- demonstrate the ability to determine the severity of the injury during the forensic examination of the victim;
- demonstrate the ability to describe the dental status of the corpse;
- gaining the ability to identify and describe physical evidence of biological origin;
- demonstrate the ability to identify an unknown person by dental status;
- obtaining knowledge and competencies on the legal basis of medical activity in accordance with current legislation;
- demonstrate the ability to analyze the content of regulations relating to medical activities and in the field of public health.

1.3. Competencies and learning outcomes, the formation of which is contributed by the education discipline:

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

Integral competence: Have the ability to solve complex problems and problems in the case of involvement in professional activities in the field of health care in the specialty "Dentistry" to perform the functions of an expert at the request of law enforcement agencies in investigating cases against human life and health or training, which involves research and / or innovation and is characterized by uncertainty of conditions and requirements.

General competencies:

GC 1. Ability to abstract thinking, analysis and synthesis.

GC 2. Knowledge and understanding of the subject area and understanding of professional activity.

GC 3. Ability to apply knowledge in practice.

- GC 4. Ability to communicate in the state language both orally and in writing.
- GC 5. Ability to communicate in English.
- GC 6. Skills in the use of information and communication technologies.
- GC 7. Ability to search, process and analyze information from various sources.
- GC 8. Ability to adapt and act in a new situation.
- GC 9. Ability to identify, pose and solve problems.
- GC 10. Ability to be critical and self-critical.
- GC 11. Ability to work in a team.
- GC 12. The desire to preserve the environment.
- GC 13. Ability to act socially responsibly and consciously.
- GC 14. Ability to exercise their rights and responsibilities as a member of society, to realize the values of civil (free democratic) society and the need for its sustainable development, the rule of law, human and civil rights and freedoms in Ukraine.
- GC 15. 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, techniques and technologies, use different types and forms physical activity for active recreation and a healthy lifestyle.

Special (professional) competencies: ability to interpret the results of laboratory and instrumental research; ability to diagnose: determine the preliminary, clinical, final, concomitant diagnosis; ability to maintain regulatory medical records, processing of state, social and medical information, ability to provide legal support for their own professional activities.

1.3.2. The study of the discipline is aimed at achieving the following **program learning outcomes (PLO)** by students: to have basic knowledge of forensic medicine and medical law to perform expert functions by a dentist and to properly maintain medical records on the following professional issues:

PLO 1. Identify the leading clinical symptoms and syndromes (according to list 1); according to standard methods, using preliminary data of the patient's anamnesis, data of the patient's examination, knowledge about the person, his organs and systems, to establish a probable nosological or syndromic preliminary clinical diagnosis of a dental disease (according to list2).

PLO 2. Collect information about the general condition of the patient, assess the psychomotor and physical development of the patient, the condition of the maxillofacial area, based on the results of laboratory and instrumental studies to assess information about the diagnosis (list 5).

PLO 3. To appoint and analyze additional (mandatory and optional) methods of examination (laboratory, radiological, functional and / or instrumental) according to list 5, patients with diseases of organs and tissues of the oral cavity and maxillofacial region for differential diagnosis of diseases (according to list 2).

PLO 4. Determine the final clinical diagnosis in accordance with the relevant ethical and legal norms, by making an informed decision and logical analysis of the obtained subjective and objective data of clinical, additional examination,

differential diagnosis under the supervision of a doctor in a medical institution (according to list 2.1).

PLO 5. To diagnose emergencies under any circumstances (at home, on the street, in a medical institution), in an emergency, martial law, lack of information and limited time (according to list 4).

PLO 6. To plan and implement measures for the prevention of dental diseases among the population to prevent the spread of dental diseases.

PLO 7. Analyze the epidemiological situation and carry out measures of mass and individual, general and local drug and non-drug prevention of dental diseases.

PLO 8. To determine the approach, plan, type and principle of treatment of dental disease (according to list 2) by making an informed decision according to existing algorithms and standard schemes.

PLO 11. To carry out treatment of the basic stomatologic diseases according to existing algorithms and standard schemes under the control of the doctor-manager in the conditions of medical institution (according to the list 2.1).

PLO 12. Organize medical and evacuation measures among the population, servicemen, in emergency situations, including martial law, during the detailed stages of medical evacuation, taking into account the existing system of medical and evacuation support.

PLO 14. Analyze and evaluate state, social and medical information using standard approaches and computer information technologies.

PLO 15. Assess the impact of the environment on the health of the population in a medical institution by standard methods.

PLO 16. To form the purposes and to define structure of personal activity on the basis of result of the analysis of certain public and personal needs.

PLO 18. To be aware of and guided in its activities by civil rights, freedoms and responsibilities, to raise the general cultural level.

PLO 20. Organize the necessary level of individual safety (own and persons cared for) in case of typical dangerous situations in the individual field of activity.

PLO 21. Perform medical manipulations on the basis of preliminary and / or final clinical diagnosis (according to lists 2, 2.1) for different segments of the population and in different conditions (according to list 6).

PLO 22. Perform medical dental manipulations on the basis of preliminary and / or final clinical diagnosis (according to lists 2, 2.1) for different segments of the population and in different conditions (according to list 7).

PLO 23. Perform manipulations of emergency medical care, using standard schemes, under any circumstances on the basis of a diagnosis of emergency (according to list 4) in a limited time (according to lists 6, 7).

1.3.3 Soft skills:

To know:

- interpretation of the concepts of forensic medicine and forensic examination; rules for conducting an external inspection of the corpse and learn the method of its implementation during the inspection of the scene;
- signs of death; supravital reactions;

- dynamics of development of early and late cadaveric changes; the tasks facing the doctor in performing the functions of a specialist in the field of forensic medicine during the inspection of the scene; technique of forensic autopsy, features of the study of body cavities, methods of testing for air embolism and pneumothorax; methods of extracting material for laboratory research;
- causes of death of newborns; dynamics of development of early and late cadaveric changes in newborns; features of forensic autopsy techniques of newborns; methods of conducting live birth tests; the concept of newborn and features of its interpretation by different medical specialists; signs of newborn, maturity, full-term, viability, live birth;
- causes of sudden death in children and adults; types of diseases that lead to rapid death in adults and children, their etiology, pathogenesis and morphological manifestations; dynamics of development of early and late cadaveric changes;
- features of registration of forensic medical documentation (act of forensic medical examination of the corpse); principles of forensic diagnosis according to ICD-10; components of the "Medical Death Certificate" and the "Identification Card";
- the reasons for appeals for forensic examination to determine the severity of injuries; features of carrying out, their criteria; medical and legal definition and classification of injuries and differences between them; scheme of description of bodily injuries, features of their healing; features of conducting such examinations in adolescents and the disabled; features of taking into account the percentage of disability in determining the severity of injuries; features of forensic medical examination of controversial sexual conditions and sexual crimes; diagnostic indicators during the examination of controversial sexual conditions and sexual crimes; features of forensic medical examination of the external genitalia of women and men; interpretation of the concept of "injury" ("trauma"); injury classification;
- morphological features of injuries caused by blunt solid objects; morphological and biochemical dynamics of healing of bodily injuries; the general reaction of an organism to an injury; classification of traumatic means; morphological and biochemical changes in the body during traumatic shock; classification, structure of sharp objects and types of damages arising from their action; morphological features of injuries caused by acute means; features of injuries inflicted by one's own hand; the main causes of death from blunt hard and sharp objects; diagnostic criteria for the survival and prescription of causing skin damage from the traumatic factor of interpretation of the concept of "injury", types of transport injuries;
- classification of certain types of traffic injuries; signs of damage specific to certain groups and types of traffic injuries; features of forensic examination of corpses in cases of traffic injuries; principles of construction of forensic diagnosis in cases of traffic injury; main types, classification and structure of firearms; the mechanism of the shot, the factors that accompany it; the mechanism of action of the bullet on the human body; features of formation of gunshot wounds, their morphological features; features of forensic examination of gunshot wounds;

classification of hypoxia and mechanical asphyxia; stages and manifestations of lifelong asphyxia;

- types of mechanical asphyxia and their diagnostic signs; stages of recovery from asphyxia and their importance in clinical practice; tests for the viability of injuries in mechanical asphyxia; signs of ionizing radiation; modern possibilities of examination of the action of ionizing radiation; signs, the mechanism of development of morphological changes at action of change of barometric pressure; modern possibilities of examination of barometric pressure change; clinical and morphological manifestations of local and general effects of high and low temperatures on the human body; the mechanism of action of extreme temperatures on the human body; methods for determining the degree and area of damage from burns and frostbite; signs of vitality of high and low temperatures on the human body; causes of death under the influence of extreme temperatures on the human body; the mechanism of action of electric current on the human body; morphological manifestations, features of the course of lesions of the action of technical and atmospheric electricity on the human body;

- methods of detection and research of electrical labels, mineral composition of objects of biological origin; causes of death, and features of inspection of the scene in case of technical and atmospheric electricity; definition and classification of toxic substances; stages of forensic diagnosis of poisoning; conditions that affect the effect of poisons on the human body; types of interaction of poisons with each other; extraction methods.

Be able to:

- to state the fact of death; argue the cause of death; to establish the age of death on cadaveric

grounds; identify material evidence at the scene, describe them and seize them correctly; to inspect the corpse at the scene and describe it in the "Protocol of the scene"; use a dynamometer; diagnose and evaluate the signs of newborn, maturity, full-term, viability, live birth; conduct swimming tests and evaluate them; establish the term of fetal life by the length of the baby's body (Haase formula), ossification nuclei and its duration outside fetal life; diagnose peri-, ante- and postnatal causes of neonatal death; to collect material for additional research methods; detect and evaluate morphological changes in the internal organs, which are a manifestation of diseases in adults and children of different ages; make a forensic diagnosis, fill in the research part of the "Expert's Opinion" ("Act of forensic examination of the corpse") and "Identification card"; to issue a "Medical death certificate" for various types of death; to inspect the victim for bodily injuries; describe injuries; to determine the severity of the bodily injury, the mechanism of its occurrence and the duration of the injury both during the reception of the victim and according to medical documentation; determine the percentage of total disability; to conduct a survey of the subject and obtain the necessary general and special anamnestic data on specific occasions of the examination; to inspect the victim and display the obtained data in the protocol part of the "Expert Opinion" ("Acts of the survey");

- describe injuries in the area of external genitalia; remove the necessary materials for laboratory tests; analyze the obtained anamnestic, survey and

laboratory data; formulate objective, scientifically sound answers to questions posed by investigative bodies; describe injuries to the skin, soft tissues and musculoskeletal system according to a certain scheme; recognize various injuries caused by blunt objects; determine the type of injury and its main morphological features; remove the necessary materials for laboratory tests; to formulate objective, substantiated conclusions after the conducted researches; reflect the received data in forensic documents; to reflect at the description of bodily injuries features characteristic of action of sharp means; recognize various injuries caused by acute means; to establish the viability of inflicting bodily injuries; recognize damage caused by your own hand; recognize injuries caused in certain phases in various types of traffic injuries;

- identify the main types of damage and give them a description; use methods of inspection,

detection and description of the main features of the inlet on the skin and clothing; to differentiate the entrance firing hole from the original and other types of mechanical damage; examine and describe the wound canal, detect and remove the projectile; to formulate a forensic diagnosis and substantiated conclusions in cases of automobile, motorcycle or railway injuries, gunshot wounds, exposure to extreme temperatures and damage by technical and atmospheric electricity, various types of mechanical asphyxia;

- to reveal general asphyxiation signs at research of a corpse; to reveal species signs at various mechanical asphyxia; to establish the viability of injuries in mechanical asphyxia; describe the posture and position of the corpse at the scene of death on suspicion of extreme temperatures and the action of technical and atmospheric electricity; describe the burns, determine what caused them; determine the viability, degree and area of lesions in burns and frostbite; to diagnose the degree of frostbite on the morphological characteristics of damaged tissues; to establish the severity of injuries from burns and frostbite, the amount of loss of general or professional capacity for work; describe electrical tags and lightning patterns on the body; be able to carry out color reactions to iron, copper, aluminum, etc.;

- identify and describe the main features of the action of ionizing radiation, as well as formulate issues that need to be addressed during the examination of the action of ionizing radiation; determine the main signs of the changed barometric pressure; to inspect the scene of the accident if poisoning is suspected; to withdraw material for additional research in case of poisoning by an unknown poison;

- evaluate the data of forensic toxicological examination; determine the main signs of poisoning by a substance of biological origin; to formulate issues that need to be addressed during the examination of poisoning by substances of biological origin; determine liquid blood groups according to the ABO system; during the inspection of the scene to identify, and together with the investigator to fully describe, remove and correctly pack.

To demonstrate:

- establishing the fact and statute of limitations for death;

- examination of the corpse at the scene; autopsy of newborns; establishment of newborn, maturity, full-term, viability and live birth of infants; evaluation of swimming samples; setting the term of intrauterine and extrauterine life of the baby;
- performing an autopsy in various types of death; detection and assessment of morphological changes of internal organs of various diseases of adults and children of different ages; forensic diagnosis;
- examination of victims; description of injuries; determination of the severity of bodily injury and the percentage of total disability. establishment of the mechanism of occurrence of bodily injuries; removal of material for laboratory research;
- registration of the received data in forensic medical documents; evaluation of the received data of laboratory researches; formulation of conclusions in case of injuries caused by hard blunt objects, in cases of automobile, motorcycle, railway and other types of transport injuries, in case of injuries from different types of firearms, in case of different types of mechanical asphyxia, in case of extreme temperatures, in case of technical damage and atmospheric electricity;
- conducting differential diagnosis between injuries from sharp and blunt objects by their morphological features; establishing the viability of inflicting bodily injuries; substantiation of the cause of death from the action of blunt and sharp means; conducting research, detection and description of injuries in various types of traffic injuries and establishing the mechanism of occurrence; extraction of material for additional research methods;
- conducting research and description of gunshot wounds; conducting differential diagnostics between different types of gunshot and other mechanical injuries; establishing the type of mechanical asphyxia according to the pathomorphological picture; establishing the viability of injuries in mechanical asphyxia; formulation of the cause of death, forensic diagnosis and conclusions; description of morphological changes from the action of extreme temperatures; establishment of vitality, severity, area and degree of impression of soft tissues in burns and frostbite; establishment of a thermal agent according to morphological changes of body tissues; description of morphological changes from the action of technical and atmospheric electricity;
- installation of a current conductor based on the results of laboratory tests; inspection of the scene and the corpse on suspicion of poisoning; identification, packaging and referral for further research of physical evidence of biological origin at the scene; study of antigenic properties of blood; study of the main physical evidence of biological origin (hair, semen, particles of human organs and tissues, etc.);
- evaluation of the results of research of material evidence of biological origin, objects of medical forensic research; packing of objects and their direction for forensic examination; research of objects using the main methods of forensic research (sources of ultraviolet, infrared and fluorescent radiation, contact diffusion research);
- to apply legal acts in the medical activity of a medical worker.

2. INFORMATIONAL SCOPE OF THE DISCIPLINE

Name indicators	Field of knowledge, specialty, educational degree, educational and professional program	Status of the discipline
		form of studying <u>full-time</u>
Number of credits- 3.0	Field of knowledge, <u>22 « Healthcare »</u> (code and name)	normative
Total amount of hours- 90	Specialty: <u>«221 Dentistry»</u> (code and name)	Educational year:
		3rd
		Semester
		1st
Practical classes – 50 Self-dependent work - 40	Educational degree <u>master</u> Educational and professional program <u>EPP « Dentistry »</u>	Lectures
		16 hours
		Practical classes
		34 hours
		Laboratory
		-
		Self-dependent work -
		40 hours
		Individual work
		-
Type of final control- differential credit		

2.1. Content of the discipline

Names of discipline topics	Number of hours					
	Full-time form of study					
	Total	Including				
		Lect.	Pract.	Lab.	Ind.	Self-dep.
1	2	3	4	5	6	7
Topic 1. The subject, tasks and history of forensic medicine. Organizational and procedural bases of forensic examination in Ukraine.	5	1	2	-	-	1
Topic 2. Forensic medical thanatology. Examination of the corpse at the scene. Features of forensic autopsy of newborn corpses. Infanticide. Forensic autopsy.	4	1	4	-	-	1

Topic 3. Forensic traumatology. Forensic examination of injuries from blunt objects.	4	0,5	2	-	-	1
Topic 4. Forensic examination of injuries from sharp objects.	4	0,5	2	-	-	1
Topic 5. Forensic examination of gunshot injuries.	4	1	2	-	-	1
Topic 6. Forensic examination of mechanical asphyxia	4	-	2	-	-	1
Topic 7. Forensic examination of material evidence.	2	-	2	-	-	1
Topic 8. Forensic examination of lethal poisonings	2	-	2	-	-	1
Topic 9. Forensic examination of injuries due to physical factors: electric current, high and low temperatures, etc.	2	-	1	-	-	2
Topic 10. Forensic examination of living persons. Determining the severity of injuries. Definition of sexual states and sexual crimes. Forensic dental identification.	2	2	3	-	-	2
Topic 11. Medical law of Ukraine in the systems of law and legislation. International and regional health standards in the field of health care.	2	2	2	-	-	5
Topic 12. Fundamentals of economic activity and insurance in the field of health care in Ukraine. Legal nature of medical care and medical services. Medical services contract.	4	2	2	-	-	5
Topic 13. Legal status of the subjects of medical relations. Personal inalienable human rights in health care.	4	2	2	-	-	5
Topic 14. Offenses in the field of health care and legal liability of medical workers for professional offenses. Defects in the provision of medical care. Iatrogeny.	6	2	2	-	-	5
Topic 15. Legal regulation of dental practice in Ukraine. Procedures and mechanisms for protection of the rights of medical relationships subjects.	8	2	2	-	-	5
Differentiated credit	4	-	2	-	-	3
Total hours of discipline	90	16	34	-	-	40

2.2.1 Lectures

№	Names of discipline topics	Number of hours	Types of lectures
1	Subject, tasks and history of forensic medicine. Organizational and procedural bases of forensic examination in Ukraine. Forensic thanatology. Examination of the corpse at the scene. Forensic autopsy.	2	Information, multimedia presentation
2	Forensic traumatology. Forensic examination of injuries by blunt and sharp objects. Forensic examination of gunshot wounds.	2	Information, multimedia presentation
3	Forensic examination of living persons. Determining the severity of injuries. Definition of sexual states and sexual crimes. Forensic dental identification.	2	Information, multimedia presentation
4	Medical law of Ukraine in the systems of law and legislation. International and regional health standards.	2	Information, multimedia presentation
5	Fundamentals of economic activity and insurance in the field of health care in Ukraine. Legal nature of medical care and medical services. Contract for the provision of medical services.	2	Information, multimedia presentation
6	Legal status of subjects of medical legal relations. Personal inalienable human rights in health care	2	Information, multimedia presentation
7	Offenses in the field of health care and legal liability of medical workers for professional offenses Defects in the provision of medical care. Iatrogenic.	2	Information, multimedia presentation
8	Legal regulation of dental practice in Ukraine Procedures and mechanisms for protection of the rights of subjects of medical relations.	2	Information, multimedia presentation
Total		16	

2.2.2 No seminars

2.2.3 Practical classes

№	Names of discipline topics	Number of hours	Methods of teaching	Form of control
1	Topic 1. The subject, tasks and history of forensic medicine. Organizational and procedural bases of forensic examination in Ukraine.	2	Explanation, presentation	Test control
2	Topic 2. Forensic medical thanatology. Examination of the corpse at the scene. Features of forensic autopsy of newborn corpses. Infanticide. Forensic autopsy.	4	Explanation, presentation, video	Oral examination, test control
3	Topic 3. Forensic traumatology. Forensic examination of injuries from blunt objects.	2	Explanation, presentation	Oral examination, test control
4	Topic 4. Forensic examination of injuries from sharp objects.	2	Explanation, presentation	Oral examination, test control
5	Topic 5. Forensic examination of gunshot injuries.	2	Explanation, presentation	Oral examination, test control
6	Topic 6. Forensic examination of mechanical asphyxia	2	Explanation, presentation	Oral examination, test control
7	Topic 7. Forensic examination of material evidence.	2	Explanation, presentation	Oral examination, test control
8	Topic 8. Forensic	2	Explanation,	

	examination of lethal poisonings		presentation	Oral examination, test control
9	Topic 9. Forensic examination of injuries due to physical factors: electric current, high and low temperatures, etc.	1	Explanation, presentation	Oral examination, test control
10	Topic 10. Forensic examination of living persons. Determining the severity of injuries. Definition of sexual states and sexual crimes. Forensic dental identification.	3	Explanation, presentation	Oral examination, test control
11	Topic 11. Medical law of Ukraine in the systems of law and legislation. International and regional health standards in the field of health care.	2	Conversation, case method, coaching, debate	Oral examination, test control
12	Topic 12. Fundamentals of economic activity and insurance in the field of health care in Ukraine. Legal nature of medical care and medical services. Medical services contract.	2	Conversation, case method, coaching, process and situation modeling, debate	Oral examination, test control
13	Topic 13. Legal status of the subjects of medical relations. Personal inalienable human rights in health care.	2	Conversation, case method, coaching, process and situation modeling, debate	Oral examination, test control
14	Topic 14. Offenses in the field of health care and legal liability of medical workers for professional offenses Defects in the provision	2	Conversation, case method, coaching, process and situation modeling,	Oral examination, test control

	of medical care. Iatrogeny.		debate	
15	Topic 15. Legal regulation of dental practice in Ukraine. Procedures and mechanisms for protection of the rights of medical relationships subjects.	2	Conversation, case method, coaching, process and situation modeling, debate	Oral examination, test control
16	Differentiated credit	2	Conversation	Oral examination, test control
	Total hours of discipline	34		

2.2.4. No laboratory classes

2.2.5. Self-dependent work

№	Names of discipline topics	Number of hours	Methods of teaching	Form of control
1	Topic 1. The subject, tasks and history of forensic medicine. Organizational and procedural bases of forensic examination in Ukraine.	1	Working with text, taking notes	Test control, self-control
2	Topic 2. Forensic medical thanatology. Examination of the corpse at the scene. Features of forensic autopsy of newborn corpses. Infanticide. Forensic autopsy.	1	Working with text, taking notes	Test control, self-control
3	Topic 3. Forensic traumatology. Forensic examination of injuries from blunt objects.	1	Working with text, taking notes	Test control, self-control
4	Topic 4. Forensic	1	Working with	Test control,

	examination of injuries from sharp objects.		text, taking notes	self-control
5	Topic 5. Forensic examination of gunshot injuries.	1	Working with text, taking notes	Test control, self-control
6	Topic 6. Forensic examination of mechanical asphyxia	1	Working with text, taking notes	Test control, self-control
7	Topic 7. Forensic examination of material evidence.	1	Working with text, taking notes	Test control, self-control
8	Topic 8. Forensic examination of lethal poisonings	1	Working with text, taking notes	Test control, self-control
9	Topic 9. Forensic examination of injuries due to physical factors: electric current, high and low temperatures, etc.	2	Working with text, taking notes	Test control, self-control
10	Topic 10. Forensic examination of living persons. Determining the severity of injuries. Definition of sexual states and sexual crimes. Forensic dental identification.	2	Working with text, taking notes	Test control, self-control
11	Topic 11. Medical law of Ukraine in the systems of law and legislation. International and regional health standards in the field of health care.	5	Working with text, taking notes	Test control, self-control
12	Topic 12. Fundamentals of economic activity and insurance in the field of health care in Ukraine. Legal nature of medical care and medical services. Medical services contract.	5	Working with text, taking notes	Test control, self-control
13	Topic 13. Legal status	5	Working with	Test control,

	of the subjects of medical relations. Personal inalienable human rights in health care.		text, taking notes	self-control
14	Topic 14. Offenses in the field of health care and legal liability of medical workers for professional offenses Defects in the provision of medical care. Iatrogeny.	5	Working with text, taking notes	Test control, self-control
15	Topic 15. Legal regulation of dental practice in Ukraine. Procedures and mechanisms for protection of the rights of medical relationships subjects.	5	Working with text, taking notes	Test control, self-control
16	Differentiated credit	3	Preparation of control questions for differentiated credit	Test control, self-control
	Total hours of discipline	40		

3. EVALUATION CRITERIA

3.1. Evaluation of the success of education of students is carried out on the basis of the current "Instructions for evaluating the educational activities of students of KhNMU" from 21.08.2021 №181.

Current control is carried out at each practical lesson on each educational topic in the form of oral interviews, testing, conversations of students on predetermined issues, in the form of speeches of higher education students with reports when discussing educational issues. During the evaluation of each topic, the applicant is given a grade on the traditional 4-point scale: "excellent", "good", "satisfactory" or "unsatisfactory". After the last lesson, the arithmetic mean of the sum of all grades is determined and converted into points using a table of coefficients, in accordance with the Instruction on evaluation of educational activities under the European credit transfer system of educational process (Order of KhNMU from 21.08.2021 №181.). In this case, the maximum number of points assigned for the current educational activity may be 120 points, the minimum number - 70 points.

Transfer of the average score for current activities in a multi-point scale

4- point scale	120- point scale	4- point scale	120- point scale
5	120	3.91-3.94	94
4.95-4.99	119	3.87-3.9	93
4.91-4.94	118	3.83- 3.86	92
4.87-4.9	117	3.79- 3.82	91
4.83-4.86	116	3.74-3.78	90
4.79-4.82	115	3.7- 3.73	89
4.75-4.78	114	3.66- 3.69	88
4.7-4.74	113	3.62- 3.65	87
4.66-4.69	112	3.58-3.61	86
4.62-4.65	111	3.54- 3.57	85
4.58-4.61	110	3.49- 3.53	84
4.54-4.57	109	3.45-3.48	83
4.5-4.53	108	3.41-3.44	82
4.45-4.49	107	3.37-3.4	81
4.41-4.44	106	3.33- 3.36	80
4.37-4.4	105	3.29-3.32	79
4.33-4.36	104	3.25-3.28	78
4.29-4.32	103	3.21-3.24	77
4.25- 4.28	102	3.18-3.2	76
4.2- 4.24	101	3.15- 3.17	75
4.16- 4.19	100	3.13- 3.14	74
4.12- 4.15	99	3.1- 3.12	73
4.08- 4.11	98	3.07- 3.09	72
4.04- 4.07	97	3.04-3.06	71
3.99-4.03	96	3 . 0 -3.03	70
3.95- 3.98	95	Less than 3	Not enough

Assessment of students' independent work. Independent work of students, which is provided in the topic along with classroom work, is assessed during the current control of the topic in the relevant practical lesson. Assimilation of topics that are submitted only for independent work is assessed during the differentiated test.

Number of Questions	5»	4»	« 3»	Oral answer for tests, which include practical and theoretical part of the discipline	For each answer the student receives from 10 to 16 points, which corresponds to: "5" - 16 points "4" - 13 points "3" - 10 points
1	16	13	10		
2	16	13	10		
3	16	13	10		
4	16	13	10		
5	16	13	10		
	80	65	50		

Differentiated credit is conducted at the last class, which is allowed to those students who have completed all types of work provided by the curriculum and scored a number of points not less than the minimum (70 points). The most important issues of the study material are included in the differentiated test, including topics that students studied independently during extracurricular activities. The maximum number of points of differentiated credit can be 80 points, the minimum - 50 points. During his conducting student receives a ticket containing 5 questions, of which 3 questions corresponding to the theoretical part of the course, and 2 questions are to monitor the practical skills. When answering the questions of the theoretical part of the ticket, the student must reasonably answer the questions and highlight the level of their knowledge gained during the study of the discipline. When answering the questions of the practical part, the student must correctly describe the preparation of the skin or bones with injuries and determine the nature of the damage and the type of traumatic object. Another issue of the practical part is to solve the situational problem. The student must correctly answer the questions of the situational task in accordance with the practical skills and abilities acquired during the study. Criteria for assessing theoretical knowledge and practical skills is conducted in accordance with the table (in accordance with the Instruction on the assessment of educational activities (Order of KhNMU from 21.08.2021 №181).

Evaluation of the results of the discipline is carried out after the differentiated test. The rank in the discipline is defined as the sum of points for the current educational activity and differentiated credit and is min - 120 to max - 200. The correspondence of grades on a 200-point scale, 4-point (national) scale and ECTS scale is given in the table.

**Accordance the 200-point scale,
four-point (national) scale to ECTS scale**

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

The positive mark of the discipline (A,B,C,D,E) is giving only to students which passed all the classes and differentiated credit. The students which do not passed the differentiated credit only get mark **F_x**, if they were admitted to the final class. Mark **F** is given to students who are not admitted to the differentiated credit at all.

3.2. Questions for differentiated credit:

1. Definitions, purposes and tasks of Forensic Medicine. The history of World Forensic Medicine. The works of A.Pare, P. Zacchaeus, J. Bonn. Contribution of M. Pirogov and M. Bokarius in the development of forensic medicine.

2. Determining the content and objectives of Forensic Medicine. The history of Ukrainian forensic medicine. Contribution of prof. M. Bokarius, Y. Sapozhnikov, I. Kontsevich to the development of forensic medicine.

3. The history of the department of forensic medicine, medical law named after Honored Prof. M.S. Bokarius KhNMU. Contribution of prof. V. Anrep, M. Bokarius, M. Marchenko and others scientists in the development of Ukrainian forensic medicine.

4. Organizational and procedural bases of forensic-medical examination in Ukraine. The rights, duties and responsibilities of a forensic expert. Forensic-medical documentation.

5. Forensic-medical examination - the subject and objectives of this area, objects of expertise, regulatory legal documents, documentation. The structure of the Ukrainian National Bureau of Forensic Medical Expertise.

6. Methods of forensic medical examination. The structure of "Conclusion of Expert". The general rules of their signature. The responsibility of expert.

7. Types of forensic medical examinations. Carrying out forensic examinations on bringing health workers to justice for professional offense.

8. Dying and death - general mechanism of dying stages, probable and truly signs of death. Rigor mortis-mechanism of development and forensic medical significance.

9. Forensic medical thanatology. Probably and truly signs of death. Early corpse changes and their forensic medical significance.

10. Forensic medical thanatology. Probable and truly signs of death. Late corpse changes and their forensic medical significance.

11. Cooling of a body. Thermometry of a corpse. Features of temperature changes troupe person depending on environmental factors.

12. Forensic medical thanatology. Ways and methods of determining the time of death in forensic medical practice.

13. Forensic medical thanatology. Preserving the human body changes, their causes and mechanism of forensic medical significance.

14. Forensic medical thanatology. Petrification of a body - the stage of development and morphological tissue changes depending on the time of death.

15. Early absolute signs of death. Livores mortes - stage development and forensic medical significance in conducting forensic examinations.

16. Forensic medical examination of the corpse, documentation, methods autopsy, the probes for pneumothorax and air embolism.

17. Forensics medical examination of corpses of infants and children. Methods of their section. Documentation. Laboratory research methods. General question of research.

18. Forensics medical examination of corpses of adult people. Methods of their section. Documentation. Laboratory research methods. General question of research.

19. Forensic medical examination of the corpses of newborn child. The general questions of their investigation.

20. Place of crime. Types and methods of investigation. The doctor tasks in place of crime. Evidences and rules of their investigations.

21. The doctor tasks during the investigation of the corpse at the place of crime, documentation, plan of describing of the corpse, rules, rights and responsibility of a doctor.

22. Sudden death - symptoms, causes and the genesis of sudden death. Features of forensic investigation of corpses of people who died from diseases of the cardiovascular, respirator, digestive and central nervous systems. Sudden death in children.

23. Damage of blunt objects. Classification of blunt objects. Types of injuries and the mechanism of action of causing by blunt objects. Forensic medical significance abrasions.

24. Types of injuries and the mechanism of action of causing by blunt objects. Forensic medical significance bruises.

25. Classification and differential diagnosis of the wounds which caused by blunt objects.

26. Damage of sharp objects. Classification of sharp objects and injuries that they caused. Differential diagnosis between cut lacerated and chopped wounds.

27. Classification of sharp objects and injuries that they caused. The signs of stab-incised wounds. What is the basic and additional cutting and its forensic medical significance?

28. The mechanism and forensic-medical importance of fractures of the ribs, vertebrae, bones of the facial skull. Types of fractures. Direct and indirect fractures.

29. Falling from height - types of the falling, features of spot observations and expertise in these cases. The falling in the plane.

30. Classification of sharp objects and injuries that they caused. The signs of incised wounds. What is the basic and additional cutting and its forensic medical significance?

31. The types and mechanism of forensic medical significance fractures of flat and long bones.

32. Forensic medical examination of death and injuries caused by falls from height, their differential diagnosis from the car traffic accidents (autotrauma).

33. The definition of "autotrauma" Specific, typical and non-typical injuries due to automobile. Forensic medical examination of cases of collision the automobile with pedestrian.

34. Types of automobile trauma. Forensic medical examination collision the automobile with pedestrian. The significance of bumper-fracture.

35. Forensic medical examination of cases moving wheel of the car body.

36. Forensic medical examination of injuries of the driver and passenger of the vehicle.

37. Forensic medical examination of motorcycle trauma. Classification and types. Specific characteristic and uncharacteristic damage in these cases.

38. Forensic medical examination of the railway trauma. Issues that are resolved in the forensic examination of this type of injury.

39. Gunshot injuries. Determination of entrance and exit wounds on the skin and bones. Types of wound channels. Determining of distance of a shot. Vinogradov's phenomenon.

40. Classification of firearms. Forensic medical examination of injuries from the hunting weapons. Investigation of distance of a shot. Entrance and exit wounds on skin and bones.

41. Blast trauma. The issues that decides forensic medical expert. The features of damages after the explosion. Estimation of the center of explosion.

42. Gunshot injuries. Laboratory examination methods, their capabilities and rules.

43. Forensic medical methods of investigations of the gunshot injuries. Position of the body in moment of a shot. Distance of a shot.

44. The types of a bullet action. Determination of entrance and exit wounds on the skin and bones. Vinogradov's phenomenon.

45. Asphyxia - definition, classification, periods and their duration. General asphyxia signs. Compression type of mechanical asphyxia.

46. Classification of mechanical asphyxia. Forensic medical diagnostics of a death by hanging and strangulation.

47. Types of obstructive asphyxia. Forensic medical diagnostics of death by drowning - types of drowning, drowning signs on the body, the possibility of laboratory research.

48. Types of strangulated asphyxia. Forensic medical examination of death and injury due to strangulated by hands.

49. Classification of mechanical asphyxia. Forensic medical examination of death from closing orifices and respiratory tract foreign bodies.

50. Hypoxia and its types. Pathogenesis of mechanical asphyxia. Signs of stay corpse in the water. Maceration. Signs of drowning on the body.

51. Differential diagnosis of strangulation and hanging strangulations mark. The Bokarius probe. Ante mortem and postmortem changes of the mark.

52. Forensic medical examination of death as a result of electric shock action. Features of the investigation on the human body. Macro- and microscopic examination of electric mark.

53. Forensic medical examination of death and injury due to high temperature. General and local action of heat. The questions which decided forensic expert.

54. Forensic medical examination of death and injury due to low temperatures. General and local action of low temperature. The questions which decided forensic expert.

55. Forensic medical examination of radiation injury. The total effect of radiation action. Acute and chronic radiation injuries, forensic examination in these cases.

56. Forensic medical examination of injuries due to result of changed atmospheric pressure. Effects on the body and increased low atmospheric pressure. Barotrauma.

57. Poisoning and poison - definition, factors and conditions that contribute to the poisoning. Classification of poisons in forensic medicine.

58.. Forensic medical diagnosis of death as a result of local action poisons.

59. Forensic medical diagnosis of death as a result of destructive poisons.

60. Forensic medical diagnosis of death as a result of blood poisons.

61. Forensic medical diagnosis of death as a result of functional poisons.

62. Forensic medical diagnostics death from carbon monoxide (CO) poisoning.

63. Forensic medical diagnosis of death from poisoning by ethyl alcohol – macro- and micro-morphological changes on the body. The results of forensic toxicological analysis. The stages of alcoholic intoxication.

64. Forensic medical diagnosis of death as a result of drugs action and narcotics.

65. Interpretation of positive and negative results of forensic toxicology investigations. Methods of laboratory investigations.

66. Forensic medical examination of food poisoning. Poisons and Nonbacterial bacterial origin. The general rules of forensic medical investigations of the poisoning.

67. Forensic medical examination of health problems from exposure to biological factors - mushroom poisoning, plants poisonings, performance antigens.

68. Investigation of sperm - research methods and issues are decided expert.

69. Hair Research - methods, issues are decided by a forensic expert in the study of hair.

70. Forensic medical examination of blood stains – classification, probably and specific methods of blood issues are decided forensic medical expert in the study of blood.

71. The definition of "injury." Loss of body organ or loss of its function - types of injury, stages of gravity, especially the forensic medical examination of the injuries.

72. Forensic medical examination of living persons. Classification of the severity of injuries and their qualifying features.

73. Signs of dangerous for life injuries. The list of their injuries.

74. Qualification signs of light injuries and damage of a middle stage of gravity.

75. Qualification signs of severe injuries and damage of a middle stage of gravity.

76. Forensic medical examination of health station, simulation, dissimulation, artificial illness and aggravation.

77. Types of forensic medical examinations on the controversial sexual states and sexual crimes.

78. Forensic medical examination of living persons. Setting puberty.

79. Forensic medical examination of living persons. Setting abuse intact hymen.

80. Forensic examination of living persons. Installation of sexual reproductive capacity.

81. Forensic medical examination of living persons. Installation of past labor - determining and prescription birth.

82. Criminal abortion – definition, methods of abortion, features of their investigations.

83. Forensic medical examination of living persons. Installing signs of forced sexual intercourse. Features extraction and laboratory testing of physical evidence in these cases.

84. Forensic medical examination of living persons. Setting fact violent actions and peculiarities of this type of expertise.

85. Forensic medical examination of living persons. The study of active and passive partners. The issues that decides the expert.

86. Medical Law. Moral and ethical aspects of doctor work - determination, legal documents, medical secret, euthanasia, artificial insemination, abortion, change of sex.

87. Medical Law. The concept and structure of medical relations. Legal status of health workers, their rights and duties. The rights and duties of the patient.

88. Medical Law. Rights-employment medical professionals. Employment contract. Legal regulation of working hours and rest periods. Financial and Discipline.

89. Medical Law. Offences in health and legal responsibility of health workers for professional offense.

90. Medical Law. Crime health care and forensic examination in such cases. Legal qualification defects of care. Iatrogenic pathology.

91. General provisions on insurance in the field of health care: concepts, principles of insurance, subjects, objects and content of insurance legal relations.

92. The concept and characteristics of medical care (quality, qualified, affordable, free). The right to medical care under the laws of Ukraine.

93. Medical service as an object of medical relations. Contract for the provision of medical services: the concept, general characteristics and features of performance.

94. Human rights in the field of health care: concept, classification, general characteristics. Guarantees of human rights in the field of health care.

95. The human right to medical information and medical secrecy: general characteristics and legal support.

96. The human right to consent and to refuse medical intervention. The procedure for processing personal data.

97. The concept and types of subjects of medical relations. General characteristics of the patient's rights. Legal regulation of patient responsibilities in Ukraine.

98. Medical worker and his legal status: conceptual and categorical apparatus and classification. Legislative support and classification of the rights of medical workers.

99. Legal regulation of professional responsibilities of medical workers. Legal status of the attending physician under national law.

100. The concept and types of procedures and mechanisms for protection of the rights of subjects of medical relations (judicial and extrajudicial form).

101. Offenses in the field of health care as a basis for legal liability in medical law: concepts, features, composition.

102. The concept and types of legal liability of the subjects of medical relations. Exemption from legal liability of medical workers.

103. Civil liability in the field of health care.

104. Disciplinary liability of medical workers.

105. Administrative and legal liability in medical law.

106. Criminal liability of medical workers in connection with their professional activities.

107. The concept, types and significance of medical examinations in Ukraine.

108. Defects in the provision of medical care: concepts and types. Medical error and accident.

109. Iatrogenic pathology: relevance and main causes.

110. Features of legal regulation of dental tourism.

111. Dental care in Ukraine: regulatory support.

112. Legal status of patients in the field of dentistry.

113. Legal status of medical workers in the field of dentistry.

114. Legal assessment of adverse effects of dental care.

115. Medical and legal standards of organization and provision of dental care.

116. Features of taxation of dental practice.

117. Legal regulation of private dental practice.

118. Economic activity in dentistry.

119. The concept and types of donation under the laws of Ukraine.

120. The concept and principles of blood donation and its components.

3.3. Control questions for independent work:

1. General characteristics of the legislative provision of health care in Ukraine.
2. The concept and characteristics of medical care (quality, qualified, affordable, free).
3. Human rights in the field of health care: concept, classification, characteristics.
4. The human right to medical information.
5. The human right to medical secrecy.
6. The human right to consent to medical intervention.
7. General characteristics of the patient's rights.
8. Legal regulation of patient responsibilities in Ukraine.
9. Moral and ethical principles of the "doctor-patient" relationship.
10. Legal regulation of professional responsibilities of medical workers.
11. Legal status of the attending physician under national law.
12. Types of offenses and responsibilities in the field of health care
13. Civil liability in the field of health care.
14. Disciplinary liability of medical workers.
15. Administrative and legal liability in medical law.
16. Criminal liability of medical workers.
17. Exemption from legal liability of medical workers.
18. Features of legal responsibility of patients under the legislation of Ukraine.
19. Expert activity in the field of health care: national and foreign legislation.
20. The concept, types and significance of medical examinations in Ukraine.
21. Defects in medical care: concepts and types.
22. Medical error and accident.
23. Iatrogenic pathology: relevance and main causes.
24. Complications as a result of medical interventions and their legal consequences.
25. Quality control of medical care: concepts, types, subjects.
26. Legal status of a primary care physician.
27. Legislative support of organ donation and other anatomical materials.
28. Forensic examination: general characteristics and role in the field of medical law
29. Basics of forensic examination in Ukraine.
30. Forensic expert assessment of defects in medical care in anesthesiology and resuscitation and their prevention.
31. Forensic expert assessment of defects in the provision of medical care in surgical practice and their prevention
32. Forensic expert assessment of defects in the provision of medical care in obstetric and gynecological practice and their prevention.
33. Forensic expert assessment of defects in the provision of medical care in therapeutic practice and their prevention.
34. Forensic expert assessment of defects in medical care in pediatric practice and their prevention

35. Legal and ethical issues of transplantation.
36. Legal and ethical issues of artificial insemination.
37. Legal and ethical issues of abortion.
38. Legal and ethical issues of sterilization.
39. Legal and ethical issues of gender reassignment.
40. Legal and ethical issues of euthanasia.

3.4. No individual tasks

3.5. Rules for appealing the assessment

The student's appeal regarding the assessment of the discipline (number of points) must be submitted in person no later than the next working day after the announcement of the assessment. The appeal is considered no later than the next day after its submission in the presence of the student. Additional questioning of the student when considering appeals is not allowed. The procedure for filing and reviewing an appeal must be made public and brought to the notice of the student no later than 7 days before the exams.

4. Policy and values of Discipline

Discipline claims:

- 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 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,

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

Class attendance and behavior.

Attendance at lectures and practical classes is obligatory. If the students missed classes, they must work off them. The practice of missed practical classes takes place daily from 3 to 5 p.m. at the department, according to the schedule on the information stand. Practice involves oral questioning, solving written or computer tests of up to 20 test tasks. Missed lectures must be written in reference by hand up to 10 pages on A4 sheets. The abstract should be written with reference to sources of literature and passed to the teacher. If the students have questions, they can contact to the teacher online or by e-mail.

During the lecture, it is desirable to keep notes and keep a sufficient level of silence, it is possible to ask questions. Before conducting practical classes, students

must prepare for the topic of the lesson, take part in discussions, ask questions, express their views. During the discussion it is necessary to maintain respect for colleagues, tolerance for their experience, receptivity and impartiality, the ability to constructive criticism, references to literature sources, based on their own emotions and opinions.

During the classes it is allowed:

- leave the audience for a short time if necessary and with the permission of the teacher;
- drink non-alcohol drinks;
- make the photos of presentation slides;
- take an active part in the class.

During the classes it is not allowed:

- eat (except for persons whose special medical condition requires another - in this case, medical confirmation is required);
- smoking, drinking alcohol and even low-alcohol drinks 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.

Using of electronic gadgets.

Using of electronic gadgets is the main and powerful source of information for studying the course, adaptable to modern requirements and promotes entry into the modern European educational space. Gadgets provide constant feedback: "teacher-student", "student-student", "student-student group".

Policy for people with special educational needs.

The organization of inclusive education in higher education schools is carried out in accordance with the order of KhNMU № 203 from 22.06.2018 "On approval of the procedure for support (assistance) of persons with disabilities, the elderly, other low-mobility groups during their stay (indoors) KhNMU.

Recommendations for successful completion of the discipline (activity of higher education students during practical classes, completion of the required minimum of educational work).

During the study of the discipline the student is obliged to:

- regularly attend practical classes and lectures;
- keep notes of practical classes;
- take an active part in work in the classroom;
- perform semester assignments.

Incentives and penalties.

Additional points (up to 10 points) are provided for research work at the department, which involves publication abstracts in books of scientific and practical conferences and a speech at student scientific conferences with a report and presentation. The poster report at the conference is also taken into account. The

corresponding number of points is taken into account by the teacher of the group and summed up along with the total number of points for the current educational activity.

Safety precautions.

The first lesson will explain the basic principles of labor protection at the department by conducting briefings. It is expected that everyone should know where the nearest evacuation exit to the audience, where the fire extinguisher is, how to use it, and so on. After the briefing, each student must sign the briefing Journal of the Department of Occupational Safety.

5. ACADEMIC INTEGRITY POLICY.

The Department of Forensic Medicine, Medical Law named after Honored Professor M.S. Bokarius supports zero tolerance for plagiarism. Male and female students are expected to constantly raise their awareness of academic writing. At the first classes will provide information on what to consider plagiarism and how to properly conduct research and scientific research.

6. RECOMMENDED LITERATURE:

Basic

1. Forensic medicine: textbook / B.V. Mychailychenko, A.M. Biliakov, I.G. Savka; edited by B.V. Mychailichenko. – Kyiv: AUS Medicine Publishing, 2017. – 224 p.
2. Forensic Pathology and Child Death / Mary E. Case, Elizabeth M. Kermgard. - STM Learning, 2001. – 350 p.
3. Forensic Medicine by J. Magendran. - CBS Publishers, 2020. – 280 p.
4. Principles and Practice of Forensic Medicine Synopsis by B. Umadethan. - CBS Publishers, 2015. – 800 p.
5. Parikh's Textbook of Medical Jurisprudence, Forensic Medicine and Toxicology for Classrooms and Courtrooms Synopsis by B.V. Subrahmanyam/ - CBS Publishers, 2016. – 776 p.
6. Forensic Toxicology Synopsis by V. Ambade. - CBS Publishers, 2018. – 208 p.
7. Forensic and Clinical Forensic Autopsy by Cristoforo Pomara. - CRC Press an imprint of Taylor & Francis Ltd, 2020. – 210 p.
8. Forensic Medicine Solved Question Papers by Singi Yatiraj. - Jaypee Brothers Medical Publishers, 2019. – 362 p.
9. Parikh's Color Atlas of Medicolegal Postmortems and Forensic Pathology by O.P. Murty. - CBS Publishers & Distributors, 2019. – 568 p.
10. Practical Forensic Medicine and Toxicology by K.K. Banerjee. - CBS Publishers & Distributors, 2019. – 160 p.

Additional

1. Apurba Nandy Principles of forensic medicine / Nandy Apurba. - Calcutta, India. - 2004. - 673 p.
2. Babanin A.A. Forensic medicine. Textbook / A.A. Babanin, O.V. Belovitsky, O.Yu. Skrebkova. - Simferopol, 2007. - 464 p.
3. Knight B. Simpson's forensic medicine / B. Knight. - 1997. - 212 p.
4. Williams D. J. Forensic pathology / D. J. Williams, A. J. Ansford, D. S. Priday,

- A. S. Forrest. - 1996. - 139 p.
5. Mykhailychenko B.V., Biliakov A.M., Savka I.G.. Forensic Medicine: textbook. 2nd edition. Kyiv: AUS Medicine Publishing - 2019. - 224 p.
6. Zagorulko A. Short lectures on Pathology / A. Zagorulko. - Simferopol, CSMU, 2002. - 224 p.

7. INFORMATION RESOURCES

1. <http://www.repo.knmu.ua>
2. <http://www.naiu.kiev.ua/>
3. <http://www.nbu.gov.ua/>
4. <http://rada.gov.ua/laws/main/a#Find>
5. <http://mvs.gov.ua/mvs/control/main/uk/index>
6. <http://www.kmu.gov.ua/control/>
7. <http://uk.wikipedia.org/wiki/>
8. www.emedicinehealth.com/
9. <http://www.who.int/publications/en/>
10. <http://www.freebooks4doctors.com/>
11. <http://meduniver.com/Medical/Book/index.html>
12. <http://medicalbooksfree.com/>
13. <http://www.forensicmed.co.uk>
14. <http://www.ncbi.nlm.nih.gov/pubmed>

1. Link to the discipline page in MOODLE

<http://distance.knmu.edu.ua/course/index.php?categoryid=52>

8. Other

Useful links:

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 disciplines 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:

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