BOGOMOLETS NATIONAL MEDICAL UNIVERSITY

Educational and Scientific Institute of Medicine

Department of Propaedeutics of Internal Medicine

APPROVED

Vice-Rector of higher education institution
Bogomolets National Medical University o
scientific-pedagogical and educational work
Doctor of Medical Sciences, professor
Oleg VLASENKO

WORK PROGRAM OF THE EDUCATIONAL DISCIPLINE

SK 1.3 "PROFESSIONALISM AND MEDICAL ETHICS"

(elective discipline)

Level of Higher Education	**Second (Master's)**
Field of Knowledge	**I «Healthcare and social security»**
Specialty	**I2 «Medicine»**
Educational Program:	**Educational-Professional Program «Medicine»**

2026 – 2027 Academic Year

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Work program of the academic discipline "Professionalism and Medical Ethics"
for the second (Master's) level of higher education
Field of Knowledge I «Healthcare and social security»
Specialty I2 «Medicine»
Qualification «Master of Medicine. Doctor»

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The work program was approved at the meeting of the Department of Propaedeutics of Internal Medicine of Bogomolets NMU

Protocol № 1 / 26 from «26» August 2026.

Approved at the meeting of the Cyclical Methodological Commission on Therapeutic Disciplines of Bogomolets NMU

Protocol № 1 from «27» August 2026

1. Description of the educational discipline

<table>
<tr><td rowspan="2">Name of indicators</td><td rowspan="2">Field of knowledge, specialties, educational level</td><td>Characteristics of the discipline</td></tr>
<tr><td>Full-time education</td></tr>
<tr><td>Number of credits – 3</td><td>Field of Knowledge I «Healthcare and social security»</td><td>Selective component of the EPP
(SC 1.3)</td></tr>
<tr><td>Modules – 1</td><td rowspan="3">Specialties:
I2 "Medicine"</td><td rowspan="2">A year of training – 1-й</td></tr>
<tr><td>Content modules – 3</td></tr>
<tr><td>Individual research tasks - see section 8</td><td>Semestr – I (II)</td></tr>
<tr><td>The total number of hours – 90</td><td>Lectures – 6 hours</td></tr>
<tr><td rowspan="3">Weekly hours for full-time study:
Classroom – 3.25
Independent student work – 8</td><td rowspan="3">Education level:
second (Master's)
Qualification:
«Master of Medicine. Doctor»</td><td>Practical – 20 hours</td></tr>
<tr><td>Individual work – 64 hours, from them individual – 20 hours</td></tr>
<tr><td>Type of control - differentiated assessment</td></tr>
</table>

Abstract.. The discipline "Professionalism and medical ethics", the study of which takes place at the first year of study before the start of clinical disciplines, creates the necessary prerequisites for a faster adaptation of the student to work at the clinic, outlines the main necessary traits and professional qualities of a doctor's personality in modern society, provides a legal basis for his professional activity, familiarizes with regulatory state and international documents, basic principles of medical ethics and medical deontology.

The subject of study of the educational discipline "Professionalism and medical ethics" is a complex of professional and general ethical issues in the relationship between physician and a patient at the current stage of the development of society with the definition of normative aspects of the professional activity of medical staff.

2. Purpose, expected educational outcomes and criteria for evaluating results of education

2.1. The purpose of teaching the academic discipline "Professionalism and medical ethics" is to form the student's ethical and deontological qualities of a medical specialist and the ability to apply them in specific professional situations.

2.2. The main tasks of studying the discipline "Professionalism and medical ethics" are:

- Student's assimilation of theoretical knowledge necessary for building an optimal model of behavior during communication with a patient
- Providing student with up-to-date information on the regulatory and legal regulation of the doctor's professional activity
- Acquiring of appropriate professional communication skills in the team

2.3. Competences and learning outcomes, the formation of which contributes to the discipline.

- The discipline **ensures that students acquire the following competencies** defined in the Educational and Professional Program "Medicine", namely:

integral competence: Ability to solve complex problems, including those of a research and innovation nature in the field of medicine. Ability to continue learning with a high degree of autonomy.

general competencies (GC):

GC1. The ability to abstract thinking, analysis and synthesis.

GC2. The ability to learn and master modern knowledge.

GC3. The ability to apply knowledge in practical situations.

GC4. Knowledge and understanding of the subject area and understanding of professional activity.

GC5. The ability to adapt and act in a new situation.

GC 6. Ability to make informed decisions.

GC 7. Ability to work in a team.

GC 8. Ability to interact with others.

GC 9. Ability to communicate in a foreign language.

GC 10. Ability to use information and communication technologies.

GC 11. Ability to search, process and analyze information from various sources.

GC 12. Determination and persistence in the tasks set and responsibilities assumed.

GC 13. Awareness of equal opportunities and gender issues.

GC 14. Ability to exercise one's rights and obligations as a member of society, to realize the values of a civil (free democratic) society and the need for its sustainable development, the rule of law, the rights and freedoms of man and citizen in Ukraine.

GC 15. The ability to preserve and multiply moral, cultural, scientific values and achievements of society based on understanding the history and patterns of development of the subject area, its place in the general system of knowledge about nature and society and in the development of society, technology and engineering, to use various types and forms of physical activity for active recreation and leading a healthy lifestyle.

professional competencies (PC):

PC 1. Ability to collect medical information about the patient and analyze clinical data (partially)

PC 16. Ability to maintain medical records, including electronic forms (partially)

PC 21. Clearly and unambiguously convey one's own knowledge, conclusions and reasoning on health care problems and related issues to specialists and non-specialists, in particular to students

PC 23. Ability to develop and implement scientific and applied projects in the field of health care

PC 24. Compliance with ethical principles when working with patients, laboratory animals

PC 25. Compliance with professional and academic integrity, be responsible for the reliability of the obtained scientific results

Integrative final **program learning outcomes** (PLO), the achievement of which is facilitated by studying the academic discipline:

PLO 1. Have thorough knowledge of the structure of professional activity. Be able to carry out professional activities that require updating and integration of knowledge. Be responsible for professional development, the ability to further professional training with a high level of autonomy.

PLO 2. Understanding and knowledge of fundamental and clinical biomedical sciences, at a level sufficient to solve professional tasks in the field of health care.

PLO 3. Specialized conceptual knowledge that includes scientific achievements in the field of health care and is the basis for conducting research, critical understanding of problems in the field of medicine and related interdisciplinary problems.

PLO 21. Find the necessary information in professional literature and databases of other sources, analyze, evaluate and apply this information.

PLO 22. Apply modern digital technologies, specialized software, statistical methods of data analysis to solve complex health care tasks.

PLO 24. Organize the necessary level of individual safety (one's own and those of those in care) in the event of typical dangerous situations in the individual field of activity.

PLO 25. Clearly and unambiguously convey one's own knowledge, conclusions and reasoning on health care problems and related issues to specialists and non-specialists.

PLO 27. Communicate freely in the state and English languages, both orally and in writing, to discuss professional activities, research and projects.

As a result of studying the discipline "Professionalism and medical ethics", the student should

I. To acquire modern **knowledge** about:

- the concept of professionalism, professional competences and professional personal qualities of a doctor;
- definition of medical ethics and deontology, their role in the modern structure of medical sciences;
- basic ethical laws and positions in medicine;
- basic legal documents regulating the professional activity of a doctor;
- modern models of the relationship between the doctor and the patient;
- basic provisions of international and national normative documents, acts and declarations regulating the rights of the patient and doctor;
- concept of iatrogenesis, causes of their occurrence and consequences;
- definition of the concept of "medical errors", types and main causes of medical errors; concepts of medical offenses, official crimes and responsibility for them;
- definition and essence of medical secret, legal documents guaranteeing compliance with medical secret in Ukraine;
- basic requirements for the doctor's professional language and the use of medical terminology;
- deontological and professional aspects of maintaining medical documentation;
- deontological foundations of clinical examination of the patient;
- ethical rules and sequence of questioning and examination of the patient;
- concepts of bioethics and biomedical ethics, their application in the professional activity of a doctor;
- moral and legal aspects of ensuring the human right to life and death;
- ethical awareness during conduction clinical trials;
- deontological principles of relationships in medical teams and communication with patients' relatives;
- main directions of health care reform in Ukraine

II. **Be able** to apply knowledge in practical situations:

- to demonstrate mastery of the moral and deontological principles of a medical specialist
- to form personal professional qualities and competences necessary for effective further professional activity
- to comply with the requirements of ethics, bioethics and deontology in their professional activities
- to comply with the main provisions of international legal acts of a humanistic orientation and regulatory legal documents regarding professional activity in their activities
- methodically correct conduct an inquiry and examination of the patient in compliance with deontological principles
- evaluate modern approaches to the problems of life support and euthanasia
- using the principles of medical deontology, to prevent the occurrence of iatrogenesis and correct the consequences of iatrogenic influences
- to demonstrate comprehension of the regulatory and legal regulation of the doctor-patient relationship when conducting clinical research
- to be aware of and be guided in one's activities by civil rights, freedoms and obligations, to raise the general educational cultural level

Evaluation criteria of educational achievements are implemented in the assessment norms, which establish the relationship between the requirements for knowledge, abilities and skills and the assessment indicator in points. Learning outcomes are evaluated during current and final control. During the current control, the assessment is carried out according to the traditional scale ("excellent" - 5, "good" - 4, "satisfactory" - 3, "unsatisfactory" - 2), after which the assessment is converted into points.

Generalized criteria for evaluating program learning outcomes:

Evaluation according to the 4-point system	Evaluation criteria

5 («exellent»)	The student shows special creative abilities, knows how to acquire knowledge independently, finds and processes the necessary information without help of a teacher, knows how to use the acquired knowledge and skills to make decisions in non-standard situations, convincingly argues the answers, possesses at least 90% knowledge of the topic during the survey, performance of tasks and all types of control.
4 («good»)	The student possesses the studied amount of material, applies it in practice, solves exercises and problems in standardized situations, independently corrects errors, the number of which is insignificant, possesses at least 80% of knowledge on the topic during the survey, tasks and all types of control.
3 («satisfactory»)	The student reproduces the majority of the theoretical material, demonstrates knowledge and understanding of the main provisions with the help of the teacher, can analyze the educational material, correct errors, among which there are a significant number of essential ones, possesses at least 60% knowledge of the topic during the survey, performing tasks and all types of control
2 («unsatisfactory»)	The student possesses the material at the level of elementary recognition, experiences difficulties in reproducing the majority of the elements of the educational material, possesses less than 60% knowledge of the topic both during the survey and in all types of control

3. Program of the academic discipline

Content module № 1. *Professionalism and professional ethics at the doctor's activity, their historical formation and provision in modern conditions*

Topic 1. Professional ethics. Medical ethics and deontology: their definition and status in modern society. Professionalism and professional qualities of a doctor's personality..

Concept of professional ethics. Definition of medical ethics and its component - medical deontology. Ethical laws and positions in medicine. Historical stages of the formation of medical ethics: the basic principles of physician behavior formulated by Hippocrates, the development of medical ethics in Europe, Asia, and Kievan Rus. The essence of a doctor's professional morality in modern society. The concept of moral and ethical regulation of the activities of medical workers.

Official documents that regulate the work of a doctor. International documents of legal support for the professional activity of a doctor: "Nuremberg Code" (1947), "Geneva Declaration" (1948 with additions), International Code of Medical Ethics (1949 with additions), Declaration of Helsinki (1964 with additions), International Convention of the UN General Assembly on civil and political rights (1966), the Tokyo Declaration (1975), the Lisbon Declaration on Patient Rights (1981).

The concept of professionalism and competence. Types of professional competence. Professional qualities of a doctor's personality: moral and ethical, communicative, organizational, strong-willed. The role of elements of external technology in the professional activity of a doctor.

The professional duty of a doctor to society and patients. The fundamental moral and ethical principles of a doctor's behavior in the "Hippocrates Oath". Modern editions of the "Hippocrates Oath" and its further modification.

Content module 2. *Basics of professional communication between doctor and patient during clinical examination*

Topic 3. Basic models of mutual relations at the "doctor-patient" system. Medical errors, moral and legal responsibility of the doctor. Iatrogenic diseases, their causes and ways to avoid them

Relationships at the "doctor-patient" system: rights and responsibilities of each party. Patient's responsibility for his health. The main models of the relationship between the doctor and the patient are paternalistic and autonomous, the model of

"weakened paternalism". The problem of "distancing" and subordination of doctor and patient in medical practice. The principle of "informed consent" and "cooperation" of the doctor and the patient. Moral actions of doctor in conditions of the life and health of the patient dependence. The main international documents that regulate patient's rights; Lisbon and Helsinki Declarations of Patient Rights, WHO Patient Safety Program.

Actions of doctors associated with adverse consequences: accidents, medical errors and professional misconduct, punishable by criminal procedure. The essence of the concept of "medical error", types and main causes of medical errors. The concept of medical offenses, official crimes and liability for them. The main legal documents that guide a doctor in Ukraine when performing professional duties.

The concept of iatrogenesis, their main causes and consequences. Types of iatrogenesis - iatrogenesis of exposure and iatrogenesis of inaction. Forms of iatrogenic diseases. The main ways to avoid iatrogenesis.

Topic 3. Medical confidentiality: historical, moral and legal aspects. Basics of medical record keeping, professional language and terminology of a doctor

The definition and essence of the medical secret, the history of its formation - from Ancient India to modern Ukraine. The patient's right to confidentiality of information about his health condition and possible limitations of this right. Guarantees of medical confidentiality in the International Code of Medical Ethics, the Lisbon Declaration on Patient Rights, the Code of Ethics of the Ukrainian Doctor, the Ethical Nurse Code of Ukraine. Legal documents regulating the observance of medical secrecy in Ukraine (Articles 132, 145, 387 of the Criminal Code of Ukraine). Cases of legal disclosure of medical secrets.

Medical professional language and its varieties. Professionalisms and semi-official terms, professional dialekt. Main general terms used in the professional work of a doctor: clinic, diagnosis, symptom, syndrome, prevention, rehabilitation; their interpretive meaning.

Language of medical documentation. The main types of medical documentation, maintenance of which is a professional duty of a doctor. Medical

card of an inpatient (outpatient) patient as the main source of information about the patient; deontological aspects of entering data into medical documentation.

Topic 4. Basics of professional communication between a doctor and a patient and the rules for questioning the patient. “Language asepsis” when communicating with a patient

Principles of professional communication between doctor and patient at various stages of diagnosis and treatment process. Basic requirements for the doctor's language when communicating with the patient. The concept of "linguistic asepsis" as a way to prevent iatrogenia.

Rules for questioning the patient. The concept of anamnesis and its structural parts. Compliance with the requirements of medical ethics during questioning of the patient and conversation with his relatives. The patient's right to receive truthful information, the right to confidentiality, the right to "informed consent" of the patient. Deontological norms when informing the patient about the diagnosis and prognosis of treatment. The relationship between the doctor and the relatives and relatives of the patient.

Topic 5. Compliance with the basic principles of medical ethics when examining a patient, basic rules and sequence of examining a sick person

Clinical examination of the patient as the basis of the doctor's professional activity. Concept of the main methods of examination. Examination of the patient as a method of obtaining objective information about the state of health. Rules and sequence of a sick person examination. Compliance with the basic principles of medical ethics when examining a patient. Deontological features of examination of patients with developmental disabilities, mutilations, severe signs of diseases.

Topic 6. Peculiarities of a doctor's professional behavior when communicating with different groups of patients (with different religious views, persons in custody, mentally ill people, etc.)

Professionalism of a doctor in the era of total use of Internet resources by patients. Features of communication with categories of patients with different religious beliefs. Professional activity of a doctor in conditions of military

operations: ethical aspects of providing medical care to prisoners of war, deontological aspects of communication with military personnel who participated in military operations, served in "hot" spots. Features of professional communication of a doctor with persons in custody (prisoners, detainees, criminals, prisoners of war). The concepts of "simulation", "aggravation". Deontological issues of examinations of mentally ill and patients with autism.

Content module 3. *Basic requirements for a doctor in modern society*

Topic 7. Biomedical ethics. The patient's right to life. Deontological and ethical aspects of the patient's right to die. The concept of hospice and palliative medicine.

Bioethics and biomedical ethics. The effect of the principles of biomedical ethics on experimental research of a therapeutic and non-therapeutic nature and modern biotechnology. Types of clinical research involving patients and healthy volunteers. The problem of conducting "blind" clinical research in modern medicine. Ethical understanding of the problems of genetic engineering, cloning.

The problem of the value of human life. The human right to life. Ethical aspects of the attitude towards newborns with developmental defects. Moral problems of artificial insemination, abortion and "surrogate motherhood". Moral and legal aspects of transplantology: restrictions on the use of organs from living donors - the problem of fixing death for transplantation of vital organs, harvesting organs from deceased donors, xenotransplantation. Moral assessment of the procedures for obtaining and introducing human embryonic stem cells into the body.

Seriously ill in the professional activities of a doctor: communication with the patient and relatives. Palliative care. Definition of the concept of "hospice", hospice medicine.

The concept of "terminal state", "clinical and biological death". Ethical problems of the attitude towards death. The human right to die. Euthanasia, the main types of euthanasia. Philosophical, moral and legal aspects of euthanasia and iatrothanasia.

Topic 8. The doctor and modern society: relationships and mutual obligations

Features of modern society (globalization processes, scientific and technological progress, new attitude to human rights, etc.), which affect the professional activity of a doctor. Medical care and medical service in modern society. State regulation and reform of health care in Ukraine. The problem of redistribution of material resources in medicine and doctor's ethics.

The attitude of modern society towards the doctor. Licensing of medical activity.

Directions and opportunities for future doctor development in ethical and professional contexts.

4. The structure of the academic discipline "Professionalism and medical ethics"

Names of modules and topics	Number of hours				
	Total	Lectures	Practical classes	Student's independent work	
				Individual	Own
Content module 1. Professionalism and professional ethics in the doctor's activity, their historical formation and provision in modern conditions					
Topic 1. Professional ethics. Medical ethics and deontology: their definition and status in modern society. Professionalism and professional qualities of a doctor's personality.	10	1	2,5	3	3,5
Content module 2. Basics of professional communication between doctor and patient during clinical examination					
Topic 2. The main models of relationships in the "doctor-	11,5	0,5	2,5	4	4,5

Names of modules and topics	Number of hours				
	Total	Lectures	Practical classes	Student's independent work	
				Individual	Own
patient" system. Medical errors, the moral and legal responsibility of the doctor. Iatrogenic diseases, their causes and ways of avoiding them					
Topic 3. Medical confidentiality: historical, moral and legal aspects. Basics of medical record keeping, professional language and terminology of a doctor	11	–	2,5	4	4,5
Topic 4. Basics of professional communication between a doctor and a patient and rules for questioning the patient. “Language asepsis” when communicating with a patient	13	2	2,5	4	4,5
Topic 5. Compliance with the basic principles of medical ethics when examining a patient, basic rules and sequence of examining a sick person	13	2	2,5	4	4,5
Topic 6. Features of doctor's	11	–	2,5	4	4,5

Names of modules and topics	Number of hours				
	Total	Lectures	Practical classes	Student's independent work	
				Individual	Own
professional behavior during communication with different contingents of patients (with different religious views, persons in custody, mentally ill people, etc.)					
Content module № 3. Basic requirements for a doctor in modern society					
Topic 7. Biomedical ethics. The patient's right to life. Deontological and ethical aspects of the patient's right to die. The concept of hospice and palliative medicine.	10	–	2,5	4	3,5
Topic 8. The doctor and modern society: relationships and mutual obligations	10,5	0,5	2,5	4	3,5
A total of hours of discipline	**90**	**6**	**20**	**64**	

5. Thematic lecture plan

№ з/п	Topic name	Number of hours
1.	Professional medical ethics and professional qualities of a doctor's personality in modern society	2

№ з/п	Topic name	Number of hours
2.	The basics of professional communication between doctor and patient, the rules of patient questioning	2
3.	Compliance with the basic principles of medical ethics when examining a patient, the basic rules and sequence of examining a sick person	2
	Total from discipline	**6**

6. Thematic plan of practical classes

№ з/п	Topic name	Number of hours
1.	Professional ethics. Medical ethics and deontology: their definition and status in modern society. Professionalism and professional qualities of a doctor's personality.	2,5
2.	The main models of relationships in the "doctor-patient" system. Medical errors, the moral and legal responsibility of the doctor. Iatrogenic diseases, their causes and ways of avoiding them	2,5
3.	Medical confidentiality: historical, moral and legal aspects. Basics of medical record keeping, professional language and terminology of a doctor	2,5
4.	Basics of professional communication between a doctor and a patient and rules for questioning a patient. "Language asepsis" when communicating with a patient	2,5
5.	Compliance with the basic principles of medical ethics when examining a patient, the basic rules and sequence of examining a sick person	2,5

№ з/п	Topic name	Number of hours
6.	Features of doctor's professional behavior during communication with different contingents of patients (with different religious views, persons in custody, mentally ill people, etc.)	2,5
7.	Biomedical ethics. The patient's right to life. Deontological and ethical aspects of the patient's right to die. The concept of hospice and palliative medicine	2,5
8.	Physician and modern society: relationships and mutual obligations.	2,5
Total from discipline		**20**

7. Individual work

The main types of independent work of students are:

- Pre-audit preparation for seminar classes
- Work with literature and other sources of information and preparing speeches, discussions and discussions in classes
- Preparation and defense of search works
- Working with patients at hospital departments: conducting interviews, surveys, questionnaires
- Working with medical documentation (familiarization with the rules for filling out basic medical forms used in the practice of a doctor in a therapeutic hospital)

№ з/п	Title of the topic (or content of the work)	Number of hours
1.	Pre-audit preparation for seminar classes according to the thematic plan	20
2.	Work with literature and other sources of information and preparing speeches, discussions and discussions in classes	16

№ з/п	Title of the topic (or content of the work)	Number of hours
3.	Preparation and defense of search works	20
4.	Work with patients at hospital departments	8
TOTAL FROM DISCIPLINE		**64**

Tasks for independent work:

1. Processing of literary and other informational sources with preparation of a speech at class.
2. Conducting questioning of the patient, summarizing the material and giving a report in class.
3. Carrying out an examination of the patient, summarizing the material and giving a report in class.
4. Development of questions list for surveying patients on a certain topic (quality of life, attitude to treatment methods, prevention, etc. - the topic is pre-agreed with the teacher), conducting a survey of patients, summarizing data and giving a report in class.
5. Creation of electronic versions of schemes and visual educational materials.

8. Individual tasks

One of the types of independent work of students during discipline studying "Professionalism and medical ethics" is individual work, which the student can perform at will during extracurricular hours and, upon successful completion, receive additional points. As an individual task in the program, the development and writing of research papers on the proposed topic and their defense at a seminar with a visual presentation of the main results are provided.

An approximate list of topics for the preparation of educational and research works:

1. Moral and legal aspects of conducting clinical experiments and research; official documents that regulate the conduct of tests involving humans.
2. Topic of medical ethics in the works of foreign outstanding artists – writers.

3. Main models of the relationship between doctor and patient are paternalistic and autonomous, the model of "weakened paternalism", their essence, advantages and disadvantages in modern society.
4. Iatrogenic diseases, their main causes and consequences, moral and deontological aspects of the development of iatrogenic diseases.
5. Definition and essence of the medical secret, the history of its formation - from Ancient India to modern Ukraine.
6. Patient's right to confidentiality of information about his state of health and guarantees of medical confidentiality in international legal documents.
7. Medical errors, their types, main causes and consequences of medical personnel errors.
8. Medical offences, official crimes and responsibility for them.
9. Moral and legal freedom of the doctor: the right to risk.
10. Bioethics and biomedical ethics are the main theoretical and applied aspects in modern society.
11. Ethical making sense of the problems of genetic engineering, cloning - its genetic, medical and ethical consequences.
12. Moral issues of conducting experiments on human embryos, mentally and physically retarded persons, ethical aspects of treatment of newborns with developmental defects.
13. Human right to life and death, the problem of the value of human life.
14. Moral problems of artificial insemination, abortion and "surrogate motherhood".
15. Moral and legal aspects of intensive care and transplantology: use of organs from living and deceased donors, xenotransplantation - pros and cons.
16. Problems of suicide and euthanasia in medical practice.
17. Doctrine of stem cells, moral and deontological assessment of procedures for obtaining and introducing human embryonic stem cells into the body.
18. Status of the dead body in medicine, doctor's attitude to the dead person, ethical aspects of dealing with removed parts of the human body.
19. Deontological aspects of relationships in medical teams: problems of corporatism, democracy, subordination.

20. Problem of HIV-infected and AIDS patients: issues of medical ethics and deontology.
21. Moral and ethical problems in oncology, gerontology, psychiatry and the search for ways to solve them.
22. Deontological aspects of communication with patients-military personnel who served in "hot" spots and ATO zone.

9. Methods of education

During studying the discipline "Professionalism and medical ethics", all types of methods recommended for higher education are used, including:

- by sources of knowledge: verbal (explanation, lecture, conversation, discussion); visual (demonstration); practical (communication with patients, ability to apply legal regulations in simulated situations from practical activities);

- according to the level of independent mental activity: problematic, partially exploratory, research.

By combining and summarizing educational methods during studying the discipline, such methods of organizing training classes are introduced as:

– problem-research method,
– method of situational cases,
– method of individual educational and research tasks,
– method of competitive groups,
– method of conducting scientific conferences using interactive technologies

Types of educational activities of the student during studying the discipline "Professionalism and medical ethics" are lectures, practical classes, independent work (including individual) and consultations. Practical classes lasting 2 hours are structured in the form of discussions and debates on the topic, during the preparation of which great attention is paid to the independent work of students with literature and other sources of information, which allows the student to express his point of view on the problem being studied.

10. Methods and forms of control, distribution of points received by students, assessment of discipline

Following **control methods** are used to assess students' knowledge:

– structured written tasks in the form of tests and situational problems,

– individual survey,

– interview, discussion (based on a standardized list of questions)

– content-structured written works,

– computer testing,

– performing independent tasks on the LIKAR_NMU platform

Forms of control

Current control is carried out in each practical session in accordance with the specific goals of the topic. At practical classes, objective control of theoretical training of students and testing of the ability to apply theoretical knowledge in practice is used to interpret key issues of ethical and legal aspects of a doctor's activity.

Control of independent work, which is provided for in the topic along with the classroom work, is carried out during the current control of the classroom lesson on the corresponding topic.

Final control is carried out after completing the study of a block of three content modules in the last lesson of the discipline.

Form of final control the success of studying in the discipline "Professionalism and medical ethics" is a *differentiated credit*, which consists in assessing the student's assimilation of the educational material in the discipline based on the results of knowledge assessment and performance of certain types of work at practical classes. Semester assessment does not provide for the allocation of a separate lesson for its implementation. A student receives a grade if he has completed all types of work provided in the curriculum, attended at least 75% of classroom training sessions (lectures, practical sessions) determined by the calendar and thematic plan, and received a total of points not less than 111.

Scheme of calculation and distribution of points received by students

The current evaluation of students on the relevant topics is carried out according to the traditional 4-point system (excellent, good, satisfactory, unsatisfactory) with subsequent conversion into a multi-point scale (criteria see item 2). The weight of each topic in points within one module is the same and is determined by the number of classroom topics in the module (8 topics).

SCORING DISTRIBUTION,

which are assigned to students during the evaluation of current educational activities

№ з/п	Topic name	The number of points corresponding to the traditional assessment			
		«5»	«4»	«3»	«2»
1.	Professional ethics. Medical ethics and deontology: their definition and status in modern society. Professionalism and professional qualities of a doctor's personality.	22	18	14	0
2.	The main models of relationships in the "doctor-patient" system. Medical errors, the moral and legal responsibility of the doctor. Iatrogenic diseases, their causes and ways of avoiding them	22	18	14	0
3.	Medical confidentiality: historical, moral and legal aspects. Basics of medical record keeping, professional language and terminology of a doctor	22	18	14	0
4.	Basics of professional communication between a doctor and a patient and rules for questioning a patient. "Language asepsis" when communicating with a patient	22	18	14	0
5.	Compliance with the basic principles of medical ethics when examining a patient, the basic rules and	22	18	14	0

№ з/п	Topic name	The number of points corresponding to the traditional assessment			
		«5»	«4»	«3»	«2»
	sequence of examining a sick person				
6.	Features of doctor's professional behavior during communication with different contingents of patients (with different religious views, persons in custody, mentally ill people, etc.)	22	18	14	0
7.	Biomedical ethics. The patient's right to life. Deontological and ethical aspects of the patient's right to die. The concept of hospice and palliative medicine	22	18	14	0
8.	Physician and modern society: relationships and mutual obligations.	22	18	14	0
	Individual educational and research work	Maximum score – 24 points			
	Всього балів за поточну навчальну діяльність*	Maximum score –200 Minimum score – 111			

* A student can receive a maximum of 200 points for the current educational activity. This grade is calculated by multiplying the number of points corresponding to the grade "excellent" (22) by the number of seminar classes in the module (8) with the addition of points for individual educational and research work (maximum 24 points): 22×8 + 24 = 200.

The minimum number of points required for enrollment in the discipline "Professionalism and Medical Ethics" is 111 points.

Points for individual work are awarded to the student only if it is successfully completed and defended. The number of points that are awarded for excellent performance of educational and research work (design and content of the work, use of

modern literature and information resources) and its protection with the use of visual aids (presentation, demonstration of cases, etc.) is 24 points. Depending on the completeness of the presentation of the material and its presentation during the defense of the work, the assessment for the performance of individual tasks can range from 12 points ("satisfactory") to 24 points ("excellent"). These points are added to the sum of points scored by the student for the current educational activity.

As the form of the final control in the discipline "Professionalism and medical ethics" is a differentiated assessment, the grade in the discipline is determined as the sum of the current educational activity (in points) awarded in each lesson on the corresponding topic and the number of points for the completion of individual tasks. The maximum number of points that a student can score when studying the discipline "Professionalism and medical ethics" is 200 points.

Enrollment of credits for the discipline studied is carried out on the condition that the student accumulates 111 points (corresponding to the minimum grade E on the ECTS Scale).

By decision of the Academic Council of the University, incentive points may be added to the number of points in the discipline for students who have scientific publications or won prizes in international and all-Ukrainian Olympiads and competitions in the discipline, but the total amount of points for the discipline cannot exceed 200 points.

Assessment of knowledge in the discipline is carried out taking into account the appropriate scales:

Score in points	Evaluation on a national scale	Evaluation according to the ECTS Scale	
		Score	Explanation
170 – 200	Exellent	A	Excellent (excellent performance with only minor inaccuracies)
155 – 169	Good	B	Very good (above average with a few minor errors)

140 – 154		C	Good (generally correct execution with a small number of significant errors)
125 – 139	Satisfactory	D	Satisfactory (not bad, but with a significant number of flaws)
111 – 124		E	Sufficient (performance meets minimum criteria)
60 – 110	Unsatisfactorily	FX	Unsatisfactory (with the possibility of reassembly)
1 – 59		F	Unsatisfactory (with mandatory re-study of the discipline)

If student receive an unsatisfactory grade in a discipline within the range of 60–110 points (FX), the student has the right to retake it: once by the department commission with the participation of the head of the department, the last time – by the commission with the participation of the head of the department and a representative of the dean's office.

If student receive an unsatisfactory grade in a discipline within the range of 1-59 points (F), the student is obliged to study it again. The decision is taken by the management of NMU in accordance with the regulatory documents approved in the prescribed manner.

Academic Integrity Policy

In the process of study, it is mandatory to observe academic integrity, namely:

independent performance of all types of work, tasks, forms of control provided for by the work program of the academic discipline "Professionalism and Medical Ethics";

- reference to sources of information in the case of using ideas, developments, statements, information;
- compliance with the norms of the legislation on copyright and related rights;

- provision of reliable information about the results of one's own educational (scientific) activities, research methods used and sources of information;
- all works performed by a student in the form of essays, educational and research works, etc. are accepted by the teacher only after checking for academic plagiarism with the "StrikePlagiarism" software with the provision of a conclusion of such a check.

11. Methodical support

All types of educational activities have methodological support: lectures, practical classes, independent work of students.

Methodological support of lectures:

1. Methodical recomendations of lectures.
2. Computer presentation of the lecture.
3. Demonstration materials for analysis of thematic cases.

Methodical provision of practical classes:

1. Methodical recomendations of practical classes.
2. Variants of test questions and tasks for checking the initial level of knowledge.
3. Variants of situational tasks to check mastery of topics.
4. Videofilms that demonstrates features of communication and actions of a medical worker in various professional situations.

Methodological support of students' independent work:

1. Methodical guidelines for pre-audit preparation for practical classes.
2. Methodical instructions for the performance of individual tasks.

All methodological materials for students are located in the online course of the discipline on the LIKAR_NMU distance learning platform.

The following tools are used to diagnose learning success:

1. Test tasks of format A.
2. Structured tasks for written works.
3. Situational tasks that model the behavior or actions of a medical worker in various professional situations.

The development of test-control questions and the formation of structured tasks for written works and situational tasks used to diagnose the success of the study should be based on the list of questions that the student should master when studying the discipline "Professionalism and Medical Ethics".

The list of questions that a student must master when studying the discipline "Professionalism and medical ethics":

1. Defining the concepts of medical ethics and medical deontology, revealing the subject of their study and the range of problems.
2. Professionalism and professionalism in the activity of a doctor.
3. "Oath of Hippocrates": history of origin and subsequent modification.
4. Main stages of the formation of medical deontology and the contribution of outstanding native doctors to its development.
5. Main types of relationship between doctor and the patient. International documents regulating patient rights.
6. Iatrogenesis, it`s main causes, consequences and prevention.
7. Medical errors: definition, essence, types of medical errors. Concept of medical offenses and legal responsibility for them.
8. Medical confidentiality: definition, essence, main legal documents that guarantee compliance with medical confidentiality in Ukraine and the world.
9. Medical professional language, types of basic medical terminology.
10. Main types of medical documentation in the activity of a doctor.
11. Rules for patient’s questioning. Main parts of the anamnesis.
12. Concept of "informed consent" during patient’s examination.
13. Basic methods of examination in the internal medicine clinic.
14. Rules and sequence of examination of the patient.
15. Ethical aspects of providing medical care to prisoners of war, patients in custody, patients with autism.
16. Concepts of "simulation", "aggravation", secrecy of information.
17. Biomedical ethics in modern society, its subject, status and range of problems.

18. Deontological aspects of the right to life protection: artificial insemination, abortions, transplantology, use of stem cells, ethical problems of artificial life support technologies.
19. Deontological problem of the patient's right to die: concepts of active and passive euthanasia, moral and deontological views on suicide, the status of the dead body in medicine.
20. Concept of palliative and hospice care.
21. Basic deontological approaches in oncology, psychiatry, gerontology.
22. Deontological aspects of the doctor's relationship with patients with life-threatening infectious diseases.
23. Concept of licensing medical activity.

12. Recommended Books

Basic

1. Sullivan AM, Reynolds R, Satterfield JM, Hauer KE. Re-defining professionalism in medicine in an era of rapid change. *BMC Med Educ*. 2026 Feb;26(1):104.
2. Villegas CJ, Rodriguez M, Chen L. Assessment of professionalism in undergraduate and graduate medical education: A scoping review. *Med Educ Online*. 2025 Oct;30(1):2492843.
3. Constantin GD, Popa M, Ionescu A. Ethical decision-making in medical practice: The role of moral and organizational reasoning in healthcare systems. *Healthcare*. 2025 Dec;13(24):3296.
4. Sadeq A, Al-Mohaissen M, Hasan S. Medical professionalism education: A systematic review of curriculum design and assessment practices. *Front Med (Lausanne)*. 2025 Mar;12:1522411.
5. Celorio MV, Perez J, Chamba R. Medical ethics and professional training: Addressing modern challenges in clinical practice. *Rev Bioet Clin*. 2025 Dec;14(2):45–58.
6. Kumar A, Sharma R. Medical professionalism and ethics in the post-pandemic era:

Challenges and curricular updates. *J Pharmacol Pharmacother*. 2022 Jul;13(2):113–118.

Additional

1. American College of Physicians Ethics Manual: Seventh Edition. Lois Snyder Sulmasy, Thomas A Bledsoe, ACP Ethics, Professionalism and Human Rights Committee. Ann Intern Med. 2019 Jan 15;170(2_Suppl):S1-S32. doi: 10.7326/M18-2160.
2. Socionic vision on Bioethics and Deontology by Vitaly Berdutin. 2018. Publisher : LAP LAMBERT Academic Publishing (January 9, 2018)
3. Philosophy and Deontology of Medical Practice. Ethics of the Job Well Done in Biomedical Sciences. Vittoradolfo Tambone, Giampaolo Ghilardi. SEU, 2020

13. Information resources

Internet resources on training and ethical and deontological aspects of a doctor's work:

– https://www.ncbi.nlm.nih.gov/pmc/articles/PMC1377522/

–https://www.wma.net/what-we-do/education/medical-ethics-course/

–*https://www.themedicportal.com/application-guide/medical-school-interview/medical-ethics/*

–*https://samples.jbpub.com/9781284124910/9781284124910_CH02_OnlineCat.pdf*

1. Harvard School of Public Health, Ethical Issues in International Health Research Course – www.hsph.harvard.edu/bioethics/
2. Training and resources for evaluating research ethics - www.trree.org/site/en_home.phtml
3. UK Clinical Ethics Network case studies – www.ethics-network.org.uk/case-studies/.
4. Case studies of international research in the field of health care of the Harvard School of Public Health – www.hsph.harvard.edu/research/bioethics/cases/.

5. Commonwealth Medical Trust Ethical and Human Rights Standards Training Manual for Health Care Workers, Part 3, Case Studies – www.commat.org/
6. Human cloning – www.who.int/ethics/topics/cloning/en/
7. Education about medical care at the end of life – www.apec.net/APEC /webpages/ index.cfm
8. Palliative care – www.hospicecare.com/Ethics/ethics.htm
9. Opposition to euthanasia – www.euthanasia.com/
10. Research on human subjects: guidelines and resources – www.who.int/ethics/research/en/