

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

Department of Pharmacy Organization and Economy
with post-diploma specialization

APPROVED

Vice-rector for scientific and pedagogical work

Eduard BURYACHKIVSKY

September 1st, 2024



WORK PROGRAM IN THE DISCIPLINE

ETHICS AND DEONTOLOGY IN PHARMACY

Level of higher education: second (master's degree)

Field of knowledge: 22 "Health care"

Specialty: 226 "Pharmacy, industrial Pharmacy"

Educational and professional program: "Pharmacy, industrial pharmacy"

The working program is compiled on the basis of the educational and professional program "Pharmacy, industrial pharmacy" for the training of specialists of the second (master's) level of higher education in the specialty 226 "Pharmacy, industrial pharmacy" of the field of knowledge 22 "Health care", approved by the Academic Council of ONMedU (minutes No. 10 dated 27/06/2024).

Authors:

Doctor of Pharm. Sc., Prof. Liana UNHURIAN
PhD in Pharmacy, Assoc. prof. Oksana BIELIAIEVA
Senior teacher Oksana STEPANOVA
Senior teacher Maya OBRAZENKO

The working program was approved at the meeting of the Department of Pharmacy Organization and Economy with post-diploma specialization
Minutes No. 1 dated August 29, 2024.

Head of the department



Oksana BIELIAIEVA

(signature) (First Name Surname)

Approved by the guarantor of
the educational and professional programm



Liana UNHURIAN

(signature) (First Name Surname)

Approved by the subject cycle methodical commission for pharmaceutical disciplines of ONMedU
Minutes No. 1 dated August 30, 2024.

Head of the subject cycle methodical commission

for pharmacy's disciplines of ONMed



Natalia FIZOR

(signature) (First Name Surname)

Revised and approved at the meeting of the department _____
Minutes No. ___ of "___" _____ 20__
Head of Department _____
(signature) (First Name Surname)

Revised and approved at the meeting of the department _____
Minutes No. ___ of "___" _____ 20__
Head of Department _____
(signature) (First Name Surname)

1. Description of the Discipline:

Name of indicators	Field of knowledge, specialty, specialization, level of higher education	Characteristics of the academic discipline
Total quantity:	Discipline <u>22 "Healthcare"</u>	Full-time education, compulsory discipline
Credits: 3.0		Year of training: 1, 2
Hours: 90	Specialty <u>226 "Pharmacy, industrial pharmacy"</u>	Semesters: VIII, 1st year of study Semesters: VII, 2nd year of study (MS)
Content-based modules: 2	Level of higher education <u>second (master's)</u>	Lectures (full-time - 10 hours)
		Seminar (0 hours)
		Practical (30 hours)
		Laboratory (0 hours)
		Independent work (50 hours)
		Final control – test

2. Purpose and objectives of the academic discipline, competencies, program learning outcomes

Goal: formation of a system of knowledge on morality, pharmaceutical ethics, bioethics and pharmaceutical deontology for the further proper performance of professional duties by pharmacy specialists.

Task:

1. Mastering the essence of the basic concepts of morality, pharmaceutical ethics, bioethics and pharmaceutical deontology
2. Acquiring skills in using basic tools for successful communication and interaction
3. Solving moral and communication problems related to the practical activities of a pharmaceutical worker

The process of studying the discipline is aimed at forming elements of the following competencies:

• **general (GC):**

GC 02. Knowledge and understanding of the subject area and understanding of professional activity.

GC 06. Ability to work in a team.

GC10. The ability to act socially responsibly and consciously.

GC11. Ability to apply knowledge in practical situations.

GC17. Ability to make decisions and act in accordance with the principle of non-acceptance of corruption and any other manifestations of dishonesty.

• **professional (PC):**

PC02. Ability to collect, interpret and apply data necessary for professional activities, research and implementation of innovative projects in the field of pharmacy.

PC03. Ability to solve pharmacy problems in new or unfamiliar environments with incomplete or limited information, taking into account aspects of social and ethical responsibility.

PC04. The ability to clearly and unambiguously convey one's own knowledge, conclusions, and reasoning in the field of pharmacy to specialists and non-specialists, in particular to students.

PC25. Ability to demonstrate and apply in practical activities communicative skills, fundamental principles of pharmaceutical ethics and deontology, which are based on moral obligations and

values, ethical norms of professional behavior and responsibility in accordance with the Code of Ethics for Pharmaceutical Workers of Ukraine and WHO guidelines.

Program learning outcomes for the academic discipline (PLO):

PLO 03. Have specialized knowledge and skills to solve professional problems and tasks, including for the purpose of further developing knowledge and procedures in the field of pharmacy.

PLO 24. Conduct professional activities in social interaction based on humanistic and ethical principles; identify future professional activities as socially significant for human health.

PLO 26. Argue information for decision-making, bear responsibility for them in standard and non-standard professional situations; adhere to the principles of deontology and ethics in professional activities.

PLO 30. Adhere to communication norms in professional interaction with colleagues, management, and consumers, and work effectively in a team.

PLO 37. Promote health preservation, in particular disease prevention, rational prescription and use of medicines. Perform their professional duties conscientiously, comply with the norms of legislation on the promotion and advertising of medicines. Possess psychological communication skills to achieve trust and mutual understanding with colleagues, doctors, patients, consumers

As a result of studying the academic discipline, a higher education applicant must: :

- **know**
- historical aspects of the development of the doctrine of ethics;
- the formation of pharmaceutical ethics, bioethics, deontology;
- principles of ethical relationships between doctor - patient - pharmacist/pharmacist, pharmacist/pharmacist colleagues, pharmacist/pharmacist - medical representative, pharmacist/pharmacist - employees of wholesale companies, pharmacist/pharmacist – representatives of regulatory authorities;
- WHO requirements for modern pharmacists/pharmacists;
- the main provisions of Good Pharmacy Practice;
- main provisions of the Code of Ethics of Pharmaceutical Workers of Ukraine;
- standards of visitor service (communication algorithm (pharmacist/druggist with a pharmacy visitor));
- basics of professional communications;
- features of human behavior depending on the type of nervous system and a differentiated approach to pharmacy visitors;
- components of the pharmacy image;
- on the influence of motivational factors on the activities of pharmacists;
- about the need to implement bioethics in modern pharmacy and medicine, about
- the growing role of bioethics in modern society, medicine, and pharmacy;
- about WHO ethical criteria for promoting drugs on the market, their purpose, and scope of use;
- Rules for proper promotion of medicines by pharmaceutical companies healthcare professionals;
- on the activities of medical professionals as an information link between manufacturers drugs, drug supplier companies and pharmacy chains and doctors;
- the essence of the concept of "management ethics", its impact on the effective work of pharmacies and pharmaceutical institutions;
- adaptation of new employees as an indicator of a positive moral and psychological climate;
- on the rights and responsibilities of pharmaceutical workers;
- examples (events that occur in practical activities) of proper and

- improper performance of professional duties by pharmaceutical workers.
- **-be able:**
- determine the place of pharmaceutical ethics and bioethics in the system of knowledge about morality;
- formulate one's own opinion on modern achievements of science and medical practice – decoding the human genome, cloning organisms, gene and cell therapy, use of genetically modified products from the point of view of ethical aspects;
- analyze the doctor-patient-pharmacist/druggist relationship from the point of view of ethical and biotic principles;
- characterize the linguistic and psychological culture of business communication;
- use professional communication tools;
- Interpret WHO requirements for a modern pharmacist/pharmacist;
- interpret the main provisions of the Code of Ethics for pharmaceutical workers of Ukraine and other countries;
- to carry out the pharmacist's communication algorithms with pharmacy visitors;
- determine the professionalism of the pharmacist in the given examples of dialogues with patients;
- interpret the requirements of Good Pharmacy Practice (GPP);
- analyze current factors that negatively affect the activities of pharmacies (based on WHO materials);
- characterize the bioethical aspects of clinical trials of drugs;
- to conduct a retrospective review of the development of bioethics;
- analyze situational tasks on bioethics;
- explain the WHO ethical criteria for promoting drugs to the market, define them purpose and scope of use;
- implement recommendations on Proper Promotion of Medicines by Pharmaceutical Companies to Healthcare Professionals;
- analyze the features of advertising of drugs and medical devices among healthcare workers and the population;
- explain the role of business ethics at the current stage of society's development;
- determine the factors that influence the moral and psychological climate in organizations;
- distinguish between proper and improper performance of professional duties by pharmaceutical workers;
- develop an oriented list of professional traits and skills of a pharmaceutical worker for the proper performance of professional duties;
- explain the types of responsibilities of a pharmaceutical worker.

3. Content of the discipline

Content module1. Ethical, bioethical and deontological aspects – components of the morality of pharmaceutical workers

Topic 1. The concept and essence of morality, ethics, deontology. Professional morality and ethics of pharmaceutical workers. Morality, its functions. Education of moral and ethical values: honesty, mercy, conscientiousness, responsibility for the entrusted matter, etc.

The historical path of the formation of ethics, pharmaceutical ethics. Deontology. The formation of pharmaceutical deontology. Past experience in medicine and pharmacy in the training of pharmaceutical workers. The Hippocratic Oath. Albert Schweitzer's concept of "reverence for life". Bioethics in pharmacy.

Topic 2. Ethics and algorithms of communication between pharmaceutical workers and patients.

Mechanisms of formation of ethical behavior. Good pharmaceutical practice.

The concept of deontology. Historical aspects of pharmaceutical deontology. Algorithm of communication between pharmacists and patients in a pharmacy, a medical and preventive institution. Linguistic and psychological keys to access the person with whom the pharmacist/pharmacist communicates. Types of people: auditory, visual, kinesthetic.

Topic 3. Ethics and algorithm of communication between pharmaceutical workers and doctors

Historical aspects of pharmaceutical deontology. Ethics of relationships: doctor - patient - pharmacist/pharmacist. Linguistic and psychological keys to access the person with whom the pharmacist/pharmacist communicates. Types of people: auditory, visual, kinesthetic. The essence of communication, its purpose and moral meaning. Moral culture of communication, its content and manifestations. The concept of pharmaceutical ethics. The main stages of the formation of pharmaceutical ethics. The concept of pharmaceutical deontology.

Topic 4. Ethics and algorithms of communication between pharmaceutical workers and colleagues and medical workers of pharmaceutical companies

Ethics of communication as a manifestation of the culture of feelings. Discussions about social responsibility. Tolerance as a principle of business communication. Theory and practice of corporate responsibility by Archie Carroll. Form of address. Corporate social responsibility in the European context. Ethics of business communication "Top-down".

Topic 5. The concept of culture and corporate culture of pharmaceutical institutions and organizations. The influence of reference groups on human motivation.

Typologies of corporate culture. Discussions about social responsibility. Evolution of the concept of corporate social responsibility in modern business. Integration of corporate social responsibility into the practice of company management. Corporate social responsibility in the European context. Global initiatives in the field of corporate social responsibility. Mission of the organization: formation, structure, purpose. The essence of corporate culture in the organization. Components of corporate culture and its levels. The influence of the organization's culture on its activities

Topic 6. Types of corporate cultures. Components of corporate culture

Typologies of corporate culture. Discussions about social responsibility.

Evolution of the concept of corporate social responsibility in modern business. Integration of corporate social responsibility into the practice of company management. Corporate social responsibility in the European context. Global initiatives in the field of corporate social responsibility. Mission of the organization: formation, structure, purpose. The essence of corporate culture in the organization. Components of corporate culture and its levels. The influence of the organization's culture on its activities

Content module2. Ethical, bioethical and deontological foundations of interaction between entities in the pharmaceutical market

Topic 7. Conflicts in the organization, conflict management.

Conflict prevention according to the HR management strategy. Employee competency management as a direction of conflict prevention. Managing individual behavior to prevent conflict.

Topic 8. Motivation in the activities of a pharmacist

Motivation methods: economic method, new tasks, "work enrichment", involvement in management. Forms of labor stimulation. Motivation in the activities of a pharmacist/pharmacist. The role of motivation in the activities of a clinical pharmacist/pharmacist.

Topic 9. The concept of bioethics. The growing role of bioethics in modern society, medicine and pharmacy.

History of the formation of bioethics. Rules and principles of bioethics. Bioethical aspects of clinical trials of new drugs. Protection of patients' rights during clinical trials of new and generic drugs. The role of Ethics Committees. Russell and Birch's "3R" concept.

Topic 10. Ethics committees

Types of ethics committees. Bioethical aspects of clinical trials of new drugs. Principles and rules of bioethics. Levels of functioning of ethics committees. Experiment. Animal experiments. Drug testing. Clinical trials. Attitude to situations from a bioethical point of view.

Topic 11. Protection of patients' rights during clinical trials of new medicines

Universal principles and norms of bioethics. Medical law as an integral part of the training of a doctor and pharmacist in modern conditions in Ukraine. Definition of the concept of "Patient", his rights and obligations. Deontological model of bioethics and the principle of "observance of duty". Bioethical model of Hippocrates. Bioethical model of Paracelsus ("Do good"). Model of the "technical" type. Model of the sacred type. Model of the collegial type. Model of the contractual type. Bioethics and the principle of respect for human rights and dignity. Principle of respect for individual autonomy.

Topic 12. Ethical and bioethical principles of promoting medicines on the pharmaceutical market. Advertising of medicines among doctors and the population.

Ethics of promoting medicinal products on the pharmaceutical market. WHO criteria for promoting medicinal products on the market. Promoting medicinal products on the market. Advertising medicinal products among doctors and the public. The work of medical representatives in promoting medicinal products on the market. Symposia and scientific meetings as a way of promoting medicinal products. Requirements for information in annotations, inserts. Packaging and labeling. Post-marketing studies. Self-treatment with non-prescription medicinal products in world practice.

Topic 13. The work of medical representatives. Self-treatment with over-the-counter drugs in world practice

History of the formation of the medical representative vacancy in the labor market. Who do pharmaceutical companies want to see as medical representatives. Drug testing. Clinical trials. Attitudes to situations from a bioethical point of view.

Topic 14. Business ethics. Management ethics and ethics of labor relations

The concept of managerial activity. Features of managerial activity at the present stage and the factors that determine them. The concept and functions of managerial ethics. Moral and ethical requirements for the behavior of a manager. Basic principles of doing business in the pharmaceutical sector. Principles of management in pharmacy. Fundamentals of marketing and financial management in the professional activity of a pharmacist. Rights and obligations of a pharmacist/pharmacist.

Topic 15. Rights and social protection of a pharmaceutical worker. Offenses and liability

State policy in the field of consumer protection. Mechanisms and legal regulation of consumer rights protection. Rights and obligations of consumers. Protection of their rights. Proper quality of products. Consumer rights: when purchasing goods of proper quality; in the case of purchasing goods of improper quality. Liability for damage caused by products of improper quality. Poor-quality entrepreneurial activity. Judicial protection of consumer rights. Liability for violation of legislation on consumer rights protection. Activities of government bodies in the field of consumer rights protection. Constitution of Ukraine and problems of professional ethics of a doctor and pharmacist. Rights and obligations of a pharmacist/pharmacist;

4. The structure of the academic discipline

Topic name	Number of hours					
	Total	Including				
		lectures	seminars	practical classes	lab classes	ISW
<i>Content module 1. Ethical, bioethical and deontological aspects – components of the morality of pharmaceutical workers</i>						
Topic 1. The concept and essence of morality, ethics, deontology. Professional morality and ethics of pharmaceutical workers.	14	2	-	2	-	10
Topic 2. Ethics and algorithms of communication between pharmaceutical workers and patients.	2	-	-	2	-	-
Topic 3. Ethics and algorithm of communication between pharmaceutical workers and doctors	2	-	-	2	-	-
Topic 4. Ethics and algorithms of communication between pharmaceutical workers and colleagues and medical workers of pharmaceutical companies	2	-	-	2	-	-
Topic 5. The concept of culture and corporate culture of pharmaceutical institutions and organizations. The influence of reference groups on human motivation.	14	2	-	2		10
Topic 6. Types of corporate cultures. Components of corporate culture. <i>Current test control. Practical skills test No. 1</i>	2	-	-	2		0
<i>Together by content module 1</i>	36	4	-	12		20
<i>Content module 2. Ethical, bioethical and deontological foundations of interaction between sub'objects in the pharmaceutical market</i>						
Topic 7. Conflicts in the organization, conflict management.	2	-	-	2		-
Topic 8. Motivation in the activities of a pharmacist/pharmacist.	2	-	-	2		-
Topic 9. The concept of bioethics. The growing role of	14	2	-	2		10

bioethics in modern society, medicine and pharmacy.						
Topic 10. Ethics committees.	2	-	-	2		0
Topic 11. Protection of patients' rights during clinical trials of new medicines.	2	-	-	2		0
Topic 12. Ethical and bioethical principles of promoting medicines on the pharmaceutical market. Advertising of medicines among doctors and the population.	14	2	-	2		10
Topic 13. The work of medical representatives. Self-treatment with over-the-counter drugs in world practice.	2	-	-	2		-
Topic 14. Business ethics. Management ethics and ethics of labor relations.	7	1	-	2		4
Topic 15. Rights and social protection of a pharmaceutical worker. Offenses and liability. Current test control. Practical skills control No. 2.	9	1	-	2		6
<i>Together by content module 2</i>	54	6		18		30
Total hours:	90	10		30		50

5. Topics of lectures / seminars / practical / laboratory classes

5.1. Topics of lecture classes

No.	Topic name	hours
1	Topic 1. Lecture 1. The concept and essence of morality, ethics, deontology. Professional morality and ethics of pharmaceutical workers.	2
2.	Topic 5. Lecture 2. The concept of culture and corporate culture of pharmaceutical institutions and organizations. The influence of reference groups on human motivation.	2
3	Topic 9. Lecture 3. The concept of bioethics. The growing role of bioethics in modern society, medicine and pharmacy.	2
4	Topic 12. Lecture 4. Ethical and bioethical principles of promoting medicines on the pharmaceutical market. Advertising of medicines among doctors and the public.	2
5	Topic 15. Lecture 5	2

	Rights and social protection of a pharmaceutical worker. Offenses and liability.	
	Total hours	10

5.2. Seminar topics

Seminars are not provided.

5.3. Topics of practical classes

No.	Topic name	Number of hours
1.	Topic 1. Practical lesson1. The concept and essence of morality, ethics, deontology. Professional morality of pharmaceutical workers.	2
2.	Topic 2. Practical lesson 2. Ethics and algorithms of communication between pharmaceutical workers and patients.	2
3.	Topic 3. Practical lesson 3. Ethics and algorithms of communication between pharmaceutical workers and doctors.	2
4.	Topic 4. Practical lesson 4. Ethics and algorithms of communication between pharmaceutical workers and colleagues and medical professionals of pharmaceutical companies.	2
5.	Topic 5. Practical lesson 5. The concept of culture and corporate culture of pharmaceutical institutions and organizations. The influence of reference groups on human motivation.	2
6.	Topic 6. Practical lesson 6. Types of corporate cultures. Components of corporate culture. Practical skills test No. 1.	2
7.	Topic 7. Practical lesson 7. Conflicts in the organization, conflict management.	2
8.	Topic 8. Practical lesson 8. Motivation in the work of a pharmacist/pharmacist	2
9.	Topic 9. Practical lesson 9. The concept of bioethics. The growing role of bioethics in modern society, medicine and pharmacy.	2
10.	Topic 10. Practical lesson 10. Ethics committees.	2
11.	Topic 11. Practical lesson 11. Protection of patients' rights during clinical trials of new medicines.	2
12.	Topic 12. Practical lesson12. Promotion of medicines on the market. Advertising of medicines among doctors and the public.	2
13.	Topic 13. Practical lesson 13. The work of medical representatives. Self-treatment with over-the-counter drugs in world practice.	2
14.	Topic 14. Practical lesson 14. Business ethics.Management ethics and labor relations ethics.	2
15.	Topic 15. Practical lesson 15.	2

	Rights and social protection of a pharmaceutical worker. Offenses and liability. <i>Practical skills test No. 2.Test.</i>	
	Together	30

5.4. Topics of laboratory classes

Laboratory classes are not provided.

6. Independent work of a higher education student

No.	Topic name	hours
1.	Topic 1. Preparation for practical lesson 1	10
2.	Topic 5. Preparation for practical lesson 5	10
3.	Topic 9. Preparation for practical training 9	10
4.	Topic 14. Preparation for practical training 14	10
5.	Topic 15. Preparation for practical training 15	10
	Together	50

7. Teaching methods

Lectures: lectures, lecture-visualizations, narration, explanation, conversation, instruction, discussion, debate, discussion of problem situations, situational learning, illustration (including multimedia presentations), demonstration, presentation of the results of one's own research.

Practical classes: conversation, role-playing games, solving situational problems, cases, solving calculation problems, practicing practical skills, completing individual tasks.

Independent work: independent work with recommended basic and additional literature, with electronic information resources

Individual tasks: writing essays, reports, multimedia presentations, etc.

8. Forms of control and assessment methods

(including criteria for assessing learning outcomes)

Current control: oral interview, testing (paper or computer-based), written tests, assessment of individual task performance, assessment of solving calculation problems, assessment of practical skills performance, assessment of communication skills during role-playing, solving situational/case tasks, assessment of activity in class.

Final control: test

Evaluation of current learning activities in a practical session:

- Assessment of theoretical knowledge on the topic of the lesson:
 - methods: survey, solving a situational problem
 - maximum score – 5, minimum score – 3, unsatisfactory score – 2.
- Assessment of practical skills on the topic of the lesson:
 - methods: assessing the correctness of performing practical skills
 - maximum score – 5, minimum score – 3, unsatisfactory score – 2.

The grade for one practical lesson is the arithmetic average of all components and can only have an integer value (5, 4, 3, 2), which is rounded using the statistical method.

Criteria for ongoing assessment in a practical lesson

Rating	Evaluation criteria
Excellent "5"	The applicant is fluent in the material, actively participates in the discussion and solution of the situational/case problem, confidently demonstrates practical skills on the topic/class, expresses his opinion on the topic of the class
Good "4"	The applicant has a good command of the material, participates in the discussion and decision-making situational/case problem, demonstrates certain practical skills on the topic of the lesson with some errors, expresses his/her opinion on the topic of the lesson.
Satisfactorily "3"	The applicant does not have sufficient knowledge of the material, participates uncertainly in the discussion and solution of the situational/case problem, demonstrates practical skills on the topic of the lesson with significant errors.
Unsatisfactorily "2"	The applicant does not own the material, does not participate in the discussion and decisionsituational/case problem, does not demonstrate practical skills on the topic of the lesson

A credit is issued to an applicant who has completed all the tasks of the work program of the academic discipline, actively participated in practical classes, completed and defended an individual assignment, and has a current average grade of at least 3.0 and has no academic debt.

Test is carried out: in the last lesson before the beginning of the examination session - in the case of the tape learning system, in the last lesson - in the case of the cyclical learning system. The passing grade is the arithmetic mean of all components on the traditional four-point scale and has a value that is rounded using the statistical method to two decimal places.

9. Distribution of points received by higher education applicants

The average score obtained for the academic discipline for applicants who have successfully mastered the working program of the academic discipline is converted from the traditional four-point scale into points on a 200-point scale, as shown in the table:

Table for converting traditional assessment to a multi-point scale

Traditional four-point scale	Multi-point 200-point scale
Excellent ("5")	185 – 200
Good ("4")	151 – 184
Satisfactory ("3")	120 – 150
Unsatisfactory ("2")	Below 120

A multi-point scale (200-point scale) characterizes the actual success of each applicant in mastering the educational component. The conversion of the traditional grade (average score for the academic discipline) into a 200-point scale is performed by the University's information and technology department.

According to the points obtained on the 200-point scale, the achievements of applicants are assessed according to the ECTS rating scale. Further ranking according to the ECTS rating scale allows assessing the achievements of applicants in the educational component who are studying in the same year of the same specialty, according to the points they received.

The ECTS scale is a relative-comparative rating scale that establishes whether an applicant belongs to the group of the best or the worst among the reference group of fellow students (faculty, specialty). An “A” grade on the ECTS scale cannot be equal to an “excellent” grade, and a “B”

grade cannot be equal to an “good” grade, etc. When converting from a multi-point scale, the boundaries of the “A”, “B”, “C”, “D”, “E” grades on the ECTS scale do not coincide with the boundaries of the “5”, “4”, “3” grades on the traditional scale. Applicants who received “FX” and “F” (“2”) grades are not included in the list of ranked applicants. An “FX” grade is assigned to applicants who have scored the minimum number of points for their current academic activity, but who have not passed the final examination. A grade of "F" is given to applicants who attended all classes in the discipline, but did not score an average score (3.00) for current academic activities and were not admitted to the final examination.

Applicants studying in the same course (same specialty), based on the number of points scored in the discipline, are ranked on the ECTS scale as follows:

Conversion of traditional course grade and total points into ECTS scale

ECTS grade	Statistical indicator
AND	Top 10% of applicants
IN	Next 25% of applicants
WITH	Next 30% of applicants
D	Next 25% of applicants
THERE ARE	Next 10% of applicants

10. Methodological support

- Work program for the academic discipline
- Syllabus
- Methodological developments for practical classes
- Methodological recommendations for independent work of higher education students
- Multimedia presentations
- Situational/case tasks
- Role play scenarios (as needed)
- Electronic bank of test tasks by units of the educational component

Educational and methodological literature:

1. Unhurian L. M., Bieliaieva O. I., Vyshnitska I. V., Aleksandrova O. O., etc. Texts of lectures on the discipline “Ethics and deontology in pharmacy”. Odessa: ONMedU, 2020. 110 p.
2. Unhurian L. M., Bieliaieva O. I., Aleksandrova O. O., Vyshnyska I. V. et al. Ethics and deontology in pharmacy: workshop. Odessa: ONMedU, 2020. 45 p.
3. Unhurian L. M., Bieliaieva O. I., Vishnytska I. V., Aleksandrova O. O., etc. Ethics and deontology in pharmacy: teaching method. manual. Odessa: ONMedU, 2019. 90 p.

11. Questions for preparation for final control

1. Ethics as a science: etymology of the term
2. Ethics: concept, structure
3. Tasks and functions of ethics
4. The main stages of the formation of ethics
5. The growing role of ethics at the turn of the 20th and 21st centuries
6. The concept of morality
7. Morality: theories of origin
8. Signs of morality
9. The Structure of Morality
10. Religious concept of morality

11. Naturalistic concept of ethics and morality
12. The socio-historical concept of morality
13. The concept of “morality” and “morality”
14. Morality and spirituality
15. Basic concepts of the origin of morality
16. Functions of morality
17. Characteristics of the concepts of moral consciousness
18. The concept of moral practice
19. The concept and structure of ethical knowledge
20. Morality and law: common features
21. Main provisions of the Pharmacist's Code of Ethics
22. Requirements for a pharmacist according to the Pharmacist Code
23. The role of ethics and deontology in the formation of the personality of a pharmacist
24. Ethics of the relationship between a pharmacist and a patient.
25. Professional requirements for a pharmacist
26. The ethical content of the relationship between a pharmacist and a doctor.
27. What cannot be done by a doctor and a pharmacist according to the ethical code
28. The concept of pharmaceutical care
29. Pharmaceutical activity: the essence of the concept, meaning, influence on the formation personality
30. The concept of pharmaceutical ethics
31. The concept of pharmaceutical deontology
32. Ethics of product sales
33. Development and adoption of ethical codes in the field of pharmacy
34. Pharmacist Code of Ethics
35. Promotion of pharmaceutical products on the market.
36. Advertising of medicines among doctors and the public
37. The work of medical representatives in promoting medicines on the market.
38. Requirements for information placed in annotations, inserts and brochures.
39. Good Pharmacy Practice
40. Consumer protection
41. Code of Ethics of Pharmacists of Ukraine: concept and essence.
42. General principles and provisions of the Pharmacist's Code of Ethics
- 43 Relationship between a pharmacist and a doctor
44. Relationships between a pharmaceutical worker and colleagues
45. Relationship between pharmacist and patient
- 46 Relationships in the team. Professional communication
47. The main differences between the Code of Ethics of a Pharmacist and medical ethics
48. Rights and social protection of a pharmaceutical worker.
49. Improper performance of professional duties. Offenses and liability.
50. Types of liability: disciplinary, material, moral, administrative and criminal.

12. Recommended literature

Main:

1. Unhurian L. M., Bieliaieva O. I., Vyshnitska I. V., Aleksandrova O. O., etc. Texts of lectures on the discipline “Ethics and deontology in pharmacy”. Odessa: ONMedU, 2020. 110 p.
2. Unhurian L. M., Bieliaieva O. I., Aleksandrova O. O., Vyshnytska I. V. et al. Ethics and deontology in pharmacy: workshop. Odessa: ONMedU, 2020. 45 p.

3. Unhurian L. M., Bieliaieva O. I., Vishnytska I. V., Aleksandrova O. O., etc. Ethics and deontology in pharmacy: teaching method. manual. Odessa: ONMedU, 2019. 90 p.
4. Hrytsenko T. B., Hrytsenko S. P., Ishchenko T. D., Melnychuk T. F., Chupryk N. V. Ethics of business communication: a textbook. Kyiv: Center for Educational Literature, 2017. 344 p.
5. V. L. Petrushenko. Ethics and aesthetics. 2nd edition, revised and supplemented: teaching manual / edited by V. L. Petrushenko. Lviv: Novyi svit-2000, 2018. 306 p.
6. Yakhno T. P. Conflictology and negotiation theory. textbook for university students / edited by T. P. Yakhno. Kyiv: Center for Educational Literature, 2018. 175 p.
7. Sofronova IV, Malyi VV, Timanyuk IV, Kobets MN, 2015. Ethics and deontology in pharmacy: texts of lectures. Kharkiv: NUPh, 2015. 68 p.
8. VV Malyi, IV Timanyuk, ZR Safiulina, Ethics and deontology in pharmacy: meth. recom. for seminar classes. Kh.: NUPh, 2015. 50 p.
4. Pharmaceutical Law and Legislation: the textbook for applicants for higher education / A.A. Kotvitskaya, IV Kubarieva, AV Volkova et al. Kharkiv: NUPh: Golden Pages, 2019.204 p.
5. Brenner, SN Ethics program and their dimensions / SN Brenner // Journal of Business Ethics. - 2015. - No. 11. - P. 391-399.
6. Pharmacy Student Survival Guide, 2e/ Ruth E. Nemire, Karen L. Kier// -2019 UK
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