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INTERNATIONAL EUROPEAN
UNIVERSITY



SCHOOL OF
MEDICINE

BIOETHICS AND MEDICAL
COMMUNICATIONS

2023



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Course Name				
		BIOETHICS AND MEDICAL COMMUNICATIONS		
Lecturer (s)				
		Phd in biology Associate Professor Kovalenko Viktoriia		
Lecturer's profile				
		https://medicine.ieu.edu.ua/proyemsh/kafedry/kafedra-fundamentalnykh-dystsyplin		
Consultations				
online consulting		Fourth Tuesday of the month 15:00-16:00		
offline consulting		Second Tuesday of the month 15:00-16:00		
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Discipline page				
		https://medicine.ieu.edu.ua/proyemsh/kafedry/kafedra-fundamentalnykh-dystsyplin		
Form of final control	test	def. test	exam	
	☐	☒	☐	



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1 Brief discipline annotation

The discipline "Bioethics and Medical Communications" creates the necessary prerequisites for faster adaptation of students to work in the clinic, outlines the main necessary features and professional qualities of a doctor's personality in modern society, provides a legal basis for his or her professional activity, introduces regulatory state and international documents, and the basic principles of biotics.

2 Background for studying discipline

The discipline "Bioethics and Medical Communications" has interdisciplinary links with the following disciplines: : "Medical and biological physics. Medical Informatics", "Medical Biology", "Physiology", The knowledge gained is necessary in the study of clinical professional and practical disciplines, as well as in further professional activities.

3 Goal and objectives of the discipline

The purpose of teaching the discipline "Bioethics and Medical Communications" is to form ethical and humanistic qualities of a medical specialist in higher education students, to foster respect for the value and dignity of human life from conception to natural death, and to apply the acquired skills in specific professional situations.

1.2. The main objectives of the discipline "Bioethics and Medical Communications" are:

- Mastering the theoretical knowledge necessary for building an optimal model of behavior when communicating with a patient;
- Providing the student with up-to-date information on the regulatory and legal regulation of the professional activity of a doctor;
- Acquiring appropriate skills of professional communication in the team.
- Formation of the highest sense of social, legal, moral and professional responsibility in the process of future activities.

4 Learning outcomes

PLR 1

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

PLR 3

Specialized conceptual knowledge that includes scientific achievements in the field of health care and is the basis for research, critical thinking in the field of medicine and related interdisciplinary issues.

PLR 21

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

PLR 25

Clearly and unambiguously communicate your own knowledge, conclusions and arguments on health care and related issues to specialists and non-specialists.

PLR 27

Communicate fluently in the state language and in English, both orally and in writing, to discuss professional activities, research and projects.

4 Learning outcomes

PLR 28

Make effective decisions on healthcare issues, assess the resources required, and take into account social, economic, and ethical implications.

5 ECTS credits

3 ECTS credits / 90 academic hours, of which lectures - 16, practical work - 16, independent work - 58 hours.

6 Course Content

№ з/п	Titles of content sections and topics	Number of hours			
		total	l.	p.	i.w.
1.	Bioethics: subject, purpose and objectives in the health care system. History of professional medical ethics, nooethics. Bioethics and the formation of the national health care system in Ukraine.	5	2	2	1
2.	Professionalism and professional qualities of a doctor's personality. The concepts of professionalism and competence. Types of professional competence. Professionalism of a doctor, its components.	5		2	3
3.	Basic models of relationships in the doctor-patient system. Iatrogenic diseases, causes of their occurrence and ways to avoid them. Relationships in the doctor-patient system: rights and obligations of each party. Patient's responsibility for his/her health. Basic models of the relationship between doctor and patient	6	2	2	2
4.	Medical errors, moral and legal responsibility of a doctor. The essence of the concept of "medical error", types and main causes of medical errors. Freedom and responsibility in the professional activity of a physician.	5		2	3
5.	Medical confidentiality: historical, moral and legal aspects. The patient's right to confidentiality of information about his/her health status and possible restrictions on this right. Guarantees of medical confidentiality in the International Code of Medical Ethics	6	2	2	2
6.	Professional language and terminology of a doctor, "language asepsis" when communicating with a patient. Basics of medical records management.	5		2	3
7.	The basics of professional communication between a doctor and a patient and the rules for questioning a patient. Principles of professional communication between a doctor and a patient at different stages of diagnosis and treatment.	7	2	2	3
8.	Observance of the basic principles of medical ethics when examining a patient, the basic rules and sequence of examination of a sick person.	5		2	3
9.	Peculiarities of bioethical behavior of a physician when dealing with different patient populations (people with different religious views, detainees, mentally ill people, etc.)	7	2	2	3
10.	Bioethical problems of transplantation and transfusion. Ethical problems of introducing nanotechnology into medicine.	7	2	2	3
11.	Bioethical issues of surrogacy and assisted reproductive technologies.	5		2	3
12.	Fundamentals of bioethical assessment and control of genetic technologies. Bioethical aspects of agricultural technologies.	5		2	3
13.	Peculiarities of doctor's communication with serious and terminally ill patients. The concept of hospice and palliative care. Bioethical aspects of the patient's right to die. Palliative care. Euthanasia, the main types of euthanasia.	7	2	2	3

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Course Content

14.	Bioethical issues of HIV and other socially dangerous infections. International bioethical regulation of HIV infection.	7	2	2	3
15.	Bioethical aspects of telemedicine. Ethical aspects of telemedicine. The main directions of telemedicine development.	4		2	2
16.	Social justice, problems of transcultural ethics and socio-ethical obligations. The attitude of modern society to the doctor. Social protection of physicians. Social protection of the population in the experience of European countries.	4		2	2
OF THE WHOLE DISCIPLINE		90	16	32	42

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List of obligatory tasks

1. Definition of the concepts of medical ethics and medical deontology, disclosure of the subject of their study and the range of problems.
2. Professionalism and professionalism in the activities of a doctor.
3. "Hippocratic Oath": the history of origin and further modification. The main stages of the formation of bioethics and the contribution of prominent Ukrainian doctors to its development.
4. The main types of relationships between a doctor and a patient. International documents regulating patient rights.
5. Iatrogenies, their main causes, consequences and prevention.
6. Medical errors: definition, essence, types of medical errors. The concept of medical offenses and legal responsibility for them.
7. Medical secrecy: definition, essence, main legal documents that guarantee the observance of medical secrecy in Ukraine and the world.
8. Medical professional language, types of basic medical terminology.
9. The main types of medical documentation in the activities of a doctor.
10. Rules for questioning the patient. The main parts of the anamnesis.
11. The concept of "informed consent" in the examination of the patient.
12. The main methods of examination in the clinic of internal medicine.
13. Rules and sequence of examination of the patient.
14. Bioethical aspects of providing medical care to prisoners of war, patients in custody, patients with autism.
15. The concepts of "simulation", "agitation", secrecy of information.
16. Biomedical ethics in modern society, its subject, status and range of problems.
17. Bioethical aspects of the protection of the right to life: artificial insemination, abortion, transplantation, use of stem cells, ethical issues of technologies that artificially support life.

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List of selective tasks

1. Create situational test tasks
2. Create multimedia presentations on the topics of practical classes
4. Creating biological crosswords on the topics of practical classes
5. Participation in student scientific and practical conferences
6. Organization and visiting of thematic museums
7. Publication of abstracts of scientific conference reports in co-authorship with a lecturer

9 Discipline features

Period of teaching	Semester	International disciplinary integration	Year of study	Courses: general training/ professional training/elective
2 semester	4 semester	available	2	General training

10 Assessment system and requirements. General system of discipline assessment

The current performance of students is assessed on a 4-point scale (2; 3; 4; 5) at each practical, taking into account the approved evaluation criteria for the relevant discipline. The student must receive a grade for each topic for further conversion of grades into points on a multi-point (200-point) scale.

Criteria for assessing current academic performance:

Excellent ("5") - the student answered 90-100% of the questions correctly. Solves situational problems of increased complexity, is able to summarize the material.

Good ("4") - the student answered 70-89% of the questions correctly. The student has the necessary practical skills and techniques to perform them to an extent that exceeds the required minimum.

Satisfactory ("3") - the student answered 50-69% of the questions correctly. Has only the required minimum of research methods.

Unsatisfactory ("2") - the student answered 50% of the questions correctly. When answering and demonstrating practical skills, he/she makes significant, gross mistakes.

Evaluation of students' independent work in preparation for classroom practical classes is carried out during the current control of the topic at the relevant classroom.

11 Assessment system and requirements. General system of discipline assessment

A condition for student admission to the final control is the absence of missed or completed practical classes, as well as an average current grade of at least 3 points on a 4-point scale \ 120 points on a 200-point scale.

<https://ieu.edu.ua/docs/rate-of-study.pdf>

12 Admission to final control

The study of the discipline "Labor Protection in the Industry" requires compliance with the rules that ensure effective mastery of the subject, both in theory and in practice, namely

- regular, without absences, attendance at lectures and practical classes
- the presence of the teacher and students in the classroom in accordance with the schedule and the established time regulations of classes
- the presence of the teacher and students in the classroom neatly dressed in appropriate clothing, namely in a white coat
- full presentation of the course by the teacher in accordance with the program of the discipline
- students keep lecture notes and notes on practical classes
- the study of the discipline is based on collegiality, cooperation and solidarity of the teacher and students
- discussion of educational issues takes place in the form of a discussion between the teacher and students, and students among themselves
- lectures and practical classes, with the exception of the final control of knowledge, involve independent work of students with the use of information technology and means of processing, storing and transmitting information, including computers, personal gadgets and other electronic devices, as well as textbooks, manuals, methodological developments, etc.



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12 Admission to final control

- scientific search and research work of students is welcome
- Writing essays on the topics specified in the list of compulsory assignments is a part of the training
- writing essays on the list of topics of optional assignments is desirable and mandatory if a student wants to improve his or her grade
- the topics of the discipline are considered in terms of their practical application and bioethical capacity
- the mutual behavior of the teacher and students, and students among themselves in the classroom and out of class time complies with generally accepted norms and role models of behavior that provide for mutual respect and collegiality of relationships, and exclude religious, racial, ethnic, cultural, age, gender, social, political, and other prejudices and prejudices, as well as bullying, sexual harassment, and other manifestations and forms of intolerance and humiliation of human dignity
- any manifestations of corruption in the educational process, both on the part of the teacher and the students, are unacceptable.

13 Discipline policy

A student who, for valid reasons, confirmed by documentary evidence, was not subject to current control has the right to undergo current control within two weeks after returning to study.

A student who was absent from classes without valid reasons, did not participate in current control activities, did not eliminate academic debt, is not allowed to take the final semester control of knowledge in this discipline, and on the day of the exam, the academic staff member gives a grade of "not admitted" in the examination record.

Retaking the differentiated test in the discipline is assigned subject to the completion of all types of educational, independent (individual) work provided for by the working curriculum of the discipline and is carried out in accordance with the schedule of liquidation of academic debt approved by the directorate.
<https://ie.u.edu.ua/docs/050.pdf>

14 Policy of absence and late task performance

Participants in the educational process are guided by the principles of academic integrity
<https://ie.u.edu.ua/docs/011.pdf>

15 Recommended sources of information

Primary literature:

1. Vadziuk S.N. Fundamentals of biomedical ethics: a textbook / S.N. Vadziuk, N.M. Volkova. - Ternopil: TNMU, 2021. - 280 c.
2. Vadziuk S.N. Life safety. Fundamentals of bioethics and biosafety: Ukrmedkniga, 2018. 135 c
3. Kovaleva O.M. Deontology in medicine. Textbook / O.M. Kovaleva, N.A. Safargalina-Kornilova, N.M. Gerasymchuk - 2nd ed.
4. Fundamentals of bioethics and biosafety: a textbook for students of higher medical education / Bobyrev VM, Dvornik VM, Devyatkina TO, Vazhnycha OM, Devyatkina NM - Vinnytsia: Nova Knyha, 2020. 248 p. : ill.

Supporting literature

1. Deontology in medicine: textbook (universities of IV year of study) / O.M. Kovaleva, N.A. Safargalina-Kornilova, N.M. Gerasymchuk - 2nd ed.
2. Deontology and Ethics in Clinical Practice [Text]: a textbook / S.I. Treumova, E.E. Petrov, Y.G. Burmak, T.A. Tribat; VDNZU "UMSA." - Poltava: LLC "Firm "Techservice", 2017. - 375 p.



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Recommended sources of information

3. Spitsa N.V. Deontology in medicine. Study guide for second-year students of medical and pharmaceutical faculties - Zaporizhzhia: ZSMU, 2017. - 60 p.
4. Textbook of Medical Ethics (World Medical Society) // Translated from English, edited by Pirog L.A. - Third Millennium Foundation, 2009. 137 p.
5. Ethical Code of Physician: Handbook / Edited by I.D. Gerich - Lviv: Galician Publishing Union, 2008. - 22 p.
6. Protection of personal data in health care institutions. Collection of normative legal acts. Issue 7. - Lviv, 2014. - 63 p.
7. V. N. Medical deontology // University clinic. - 2010. - 10 p.
8. Ethical and legal approaches to the assessment of involuntary measures and the risk of harm to the patient during psychiatric intervention: Methodological recommendations / compiled by. Maruta N., Abramov V., Ryapolova T. - K., 2011. - 31 p.
9. Koval P.B., Prokhno O.I. Legal aspects of doctor-patient cooperation (review of the legislative framework) // Neonatology, surgery and perinatal medicine. 2015. - № 2. - C. 11-16
10. Basic ethical principles in European bioethics and biolaw / Ed. J.D.Reindtorff, P.Kemp. - Barselona, 2000.

Information resources:

1. Internet resources on training and ethical and deontological aspects of physician's work: <https://www.wma.net/what-we-do/education/medical-ethics-course/>
<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC1377522/>
2. Harvard School of Public Health, Ethical Issues in the International Health Services Research Course - www.hsph.harvard.edu/bioethics/
3. Training and Resources for Research Ethics Assessment - www.trree.org/site/en_home.phtml
4. Case studies of the UK Clinical Ethics Network - www.ethics-network.org.uk/case-studies/
5. Training manual on ethics and human rights standards for health care professionals, developed by the Commonwealth Medical Trust, part 3, case studies www.commat.org/
6. Karalkina K. V. On the issue of moral regulators of professional activity of health care workers [Electronic resource] // Pedagogy of formation of creative personality in higher and secondary schools: a collection of scientific papers / Classical Private University - Zaporizhzhia, 2011 - Access mode: http://archive.nbuv.gov.ua/portal/soc_gum/pfto/2011_16/files/P1611_16.pdf
7. Levenets S. S. Medical ethics and deontology: realities and prospects in the work of a doctor [Electronic resource] // Med. obrazovanie. - 2012: http://archive.nbuv.gov.ua/portal/chem_biol/Mosv/2012_4/data/article22.pdf
8. Human cloning - www.who.int/ethics/topics/cloning/en/
9. Education on end-of-life care - www.apec.net/APEC/webpages/index.cfm
10. Palliative care - www.hospicecare.com/Ethics/ethics.htm
11. Opposition to euthanasia - www.euthanasia.com/
12. Research on human subjects: guidelines and resources - www.who.int/ethics/research/en/

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Tips on successful study during the course

Attendance at classes
Dialogue with the teacher on all issues of the curriculum
Completion of assignments in accordance with the program
Writing essays on the topics of the program
Discussion of topics and assignments in groups outside of class time
Use of Internet resources