


**FEDERAL STATE BUDGETARY
EDUCATIONAL INSTITUTION OF HIGHER EDUCATION
“AMUR STATE MEDICAL ACADEMY”
MINISTRY OF HEALTH OF THE RUSSIAN FEDERATION**

AGREED
Vice-Rector for Academic Affairs,

 N.V. Loskutova

April 17, 2025

Decision of the CCMC
April 17, 2025

Protocol No. 7

APPROVED

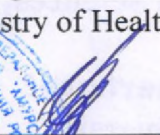
by decision of the Academic Council of the FSBEI
HE Amur SMA of the Ministry of Health of the
Russian Federation

April 22, 2025

Protocol No. 15

Acting Rector of the FSBEI HE Amur SMA of the
Ministry of Health of the Russian Federation



 I.V. Zhukovets

April 22, 2025

**EDUCATIONAL PROGRAM
discipline "BIOETHICS"**

Specialty: 31.05.01 General Medicine

Course: 3

Semester: 5

Total hours: 72 hrs.

Total credits: 2 credit units

Control form: credit-test, 5 semester

Blagoveshchensk, 2025

The educational program of the discipline is designed in accordance with the requirements of the Federal State Educational Standard of Higher Education - specialist in specialty 31.05.01 General Medicine, approved by the order of the Ministry of Education and Science of Russia dated 08.12.2020 No. 988 (registered with the Ministry of Justice of Russia on 08.26.2020 No. 59493), BPEP HE (2021).

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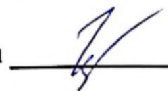
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Protocol No. 7, dated March 21, 2025

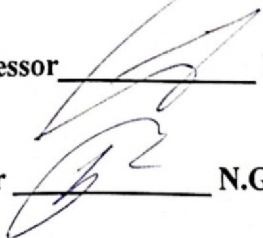
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Conclusion of the Expert Commission on the review of the Educational Programs:
Protocol No. 7, dated March 21, 2025

Expert of the expert commission  T.V. Gerasimova

APPROVED at the meeting of the CMC No. 8:
Protocol No. 7, dated March 21, 2025
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April 17, 2025

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I. EXPLANATORY NOTE

1.1. Characteristics of the discipline

Bioethics is an adequate, ethically sound response to the most acute moral problems posed by the progress of medical science and biomedical technologies, adequate to modern conditions. A large number of publications on bioethical problems by leading domestic physicians, philosophers, historians of medicine, theologians, and lawyers return the interdisciplinary specificity of bioethics, which has become a link between the modern arsenal of humanitarian knowledge and the real most acute problems of medical science and practice. The study of media-bioethics allows students to become familiar with the basics of modern ethical knowledge as applied to the field of their future professional activity.

1.2. The goals and objectives of studying the discipline:

The purpose of teaching the disciplines:

– keeps the student's understanding of special bioethics as a philosophy and science about the survival of humanity.

Learning objectives of the discipline:

- to increase students' sensitivity to ethical issues;
- to teach the art of ethical analysis;
- to introduce students to the growing flow of literature on the subject;
- to help students better understand moral values (both professional and personal, as well as the values of their patients)
- teach how to regulate and resolve these conflicts;
- presentation of ideas about methods and ways of regulation, resolution and consideration of these considerations.

1.3. The place of the discipline at the end of the main professional educational program of higher education.

In accordance with the Federal State Educational Standard of Higher Education - specialist in specialty 31.05.01 General Medicine (2020), the discipline "Bioethics" refers to the disciplines of the structural part, Block 1. The general formality is 2 credits (72 hours), taught in the 5th semester of the 3rd year. Control form - credit.

The basic knowledge required to study the discipline is studied in a cycle of humanitarian, social and economic disciplines:

- on economic problems, concepts of national economy and its justification;
- on political science issues, concepts of the state and its origins;
- on history, development of spiritual culture, the role of Russia in the modern world, the influence of Russia on the development of science;
- an idea of medical science and medical schools in their historical aspect;
- teachings about a healthy lifestyle, the influence of humanitarian ideas on medicine.

This discipline is the leading one for mastering the discipline: skin medicine; public health and health care, health care, economics; pathophysiology, clinical pathophysiology; obstetrics and gynecology; psychiatry, medical psychology; propaedeutics of internal diseases; general surgery.

1.4 Requirements for students

Bioethics
<ul style="list-style-type: none"> – Knowledge : basic ideas, principles and requirements of bioethics; philosophical foundations of bioethics and biomedical ethics; – rights and moral obligations of modern doctors; – legal and moral rights of patients; – main directions, problems, theories and methods of using knowledge on bioethics in

<p>medical practice,</p> <ul style="list-style-type: none"> – the content of modern moral and ethical discussions on the problems of healthcare development.
<ul style="list-style-type: none"> – Skills: reasoned and substantiated gradual change of one's own position on various problems of bioethics; – Terms of use and categories of ethics and bioethics for measuring and analyzing various factors, facts and directions in the health care system.
<ul style="list-style-type: none"> – Skills: perception and analysis of specialized texts, determination of ethical and legal content, – techniques of conducting discussions and polemics, – skills of public speaking and written, reasoned presentation of one's proposals, one's own points of view on current bioethical issues.

1.5 Interdisciplinary links with subsequent disciplines

Knowledge, skills and abilities required to study the disciplines:

No . p/ p	Name of the discipline	Section numbers of bioethics required for studying disciplines	
		1 From Ethics to Bioethics	2 Bioethics - reveals moral and legal issues
1	Pathophysiology, clinical pathophysiology	+	+
2	Forensic medicine	+	*+
3	Public Health and Healthcare, Healthcare, Economics, Economics	+	+
4.	Obstetrics and gynecology	+	+
5.	Psychiatry, medical psychology	+	+
6.	Propaedeutics of internal diseases	+	+
7.	General surgery	+	+

1. 6 Requirements for the results of mastering the discipline

The training in the discipline "Bioethics" is aimed at training/improving the following competencies: universal (UC), general professional (GPK)

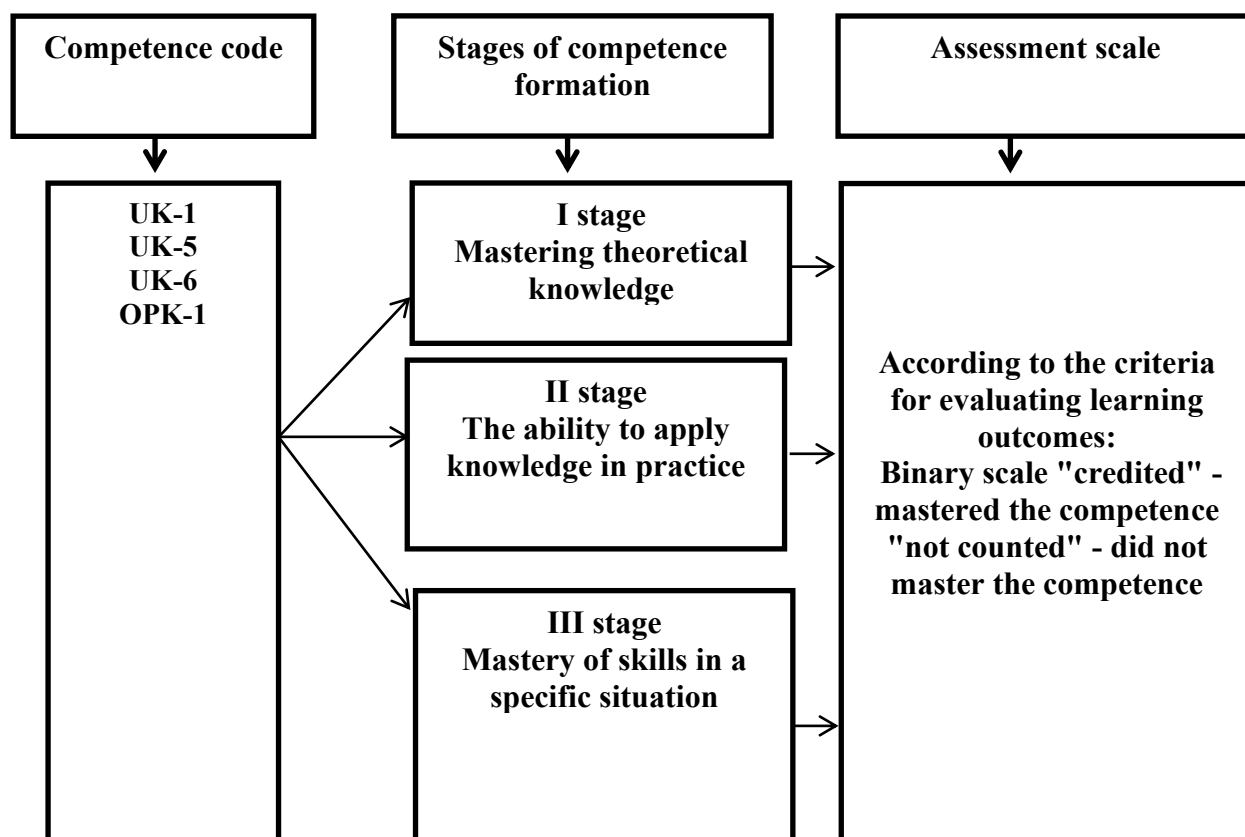
№ p\p	Code and name of the specialty	Code and the name of the indicator of qualification achievements
1	<p>UK-1 Use glad latest analysis of problematic situation based on a systemic incident, to develop actions</p>	<p>ID UK-1.1. Analyzes the problem situation as a system, identifying its components and the connections between them. ID UK-1.3. Applies systems analysis to resolve problematic situations in the professional sphere. ID UK-1.4. Uses logical and methodological tools for critical analysis of modern concepts of a philosophical and analytical nature in their subject area.</p>
2	<p>UK-5. Able to analyze and take into account cultural diversity in the process of intercultural interaction.</p>	<p>ID UK-5.1. Analyzes the most important ideological and value systems formed in the course of historical development, substantiates the relevance of their use in social and professional terms. ID UK-5.2. Builds social and professional interaction taking into account the main forms of scientific and religious consciousness, the business world and culture, representatives of other ethnic groups and faiths, and various social groups. ID UK-5.3. Ensures the creation of a non-discriminatory environment for interaction when performing professional tasks.</p>
3	<p>UK-6. Able to define and implement priorities for one's own activities and their methods, arising from self-assessment and</p>	<p>ID UK-6.1. Assesses his/her personal, situational, and time resources and knows how to use them to complete the assigned task. ID UK-6.2. Plans and manages his/her activities within the framework of professional tasks.</p>

	education throughout life.	
4	<p>OPK-1. Able to implement moral and legal norms, ethical and deontological principles in professional activities.</p>	<p>ID OPK-1.1. Carries out professional activities in accordance with ethical standards and moral principles. ID OPK-1.2. Organizes professional activities, complies with requirements in the field of healthcare, knowledge of medical ethics and deontology. ID OPK-1.3. Has the skills of presenting one's own points of view, analysis and logical thinking, public speaking, moral and ethical argumentation, conducting discussions and round tables, principles of medical deontology and medical ethics.</p>

Modules of discipline and coded formed specialty

Item No.	Section Title	Code of the competence being formed
1	Bioethics	UK-1, UK-5, UK-6, OPK-1

1.7 Stages of formation of competencies and description of the measurement scale



1.8 Forms of training organization and types of control

Form of organization of students' training	Brief characteristic
Lectures	The lecture material contains the main and most problematic issues of the discipline, which are most significant for the training of a specialist.
Seminar classes	definitions for the analysis (reinforcement) of theoretical positions and control over their formulation with subsequent application of knowledge during the study of the topic.
Interactively forms of education	<ul style="list-style-type: none"> - solving situational problems and exercises followed by discussions, - interactive survey; - performing creative tasks, - small group method, - discussions, - online course of the discipline in the Moodle system , - training in the Moodle system .

Participation in research work of departments and conferences	<ul style="list-style-type: none"> - preparation of oral presentations and poster reports for presentation at a student club or scientific conference; - writing theses and abstracts on the chosen scientific field; - preparation of a literature review using educational, scientific, reference literature and Internet sources.
Types of control	Brief description
Incoming inspection	<p>Testing theoretical knowledge and practical skills of the programs being developed for the 1st year (history, economics, psychology and pedagogy, spiritual and moral aspects of science)</p> <p>Incoming inspection includes:</p> <ul style="list-style-type: none"> - testing in the Moodle system (test of incoming knowledge control), - solving situational problems and exercises. <p>The results of the incoming inspection are systematized, analyzed and used by the teaching staff of the department to develop measures to improve and update the teaching methods of the disciplines.</p>
Current control	<p>Current control includes:</p> <ul style="list-style-type: none"> - checking the solution of situational problems and exercises completed independently (extracurricular independent work); - assessment of the substantiation of theoretical material (oral survey and computer testing); - training in the Moodle system on all topics of the discipline (tests include questions of a theoretical and practical nature); - conclusion (practical and theoretical) on each topic of the discipline studied.
intermediate certification	<p>Midterm assessment is carried out by means of a test, which students take at the end of the 4th semester.</p> <p>The test includes the following stages:</p> <ul style="list-style-type: none"> - assessment of knowledge of theoretical material (oral survey and interview); - training in the Moodle system (interim assessment test); - solving situational problems and exercises for each subject discipline studied.

II . STRUCTURE AND CONTENT OF THE DISCIPLINE

2.1 Scope of the discipline and types of academic work

No. p/p	Types of educational work	Total hours	Semester 5
1	Lectures	14	14
2	Practical classes	34	34
3	Independent work of students	24	24
	Total volume in hours	72	72
	Overall volume in credit units	2	2

2.2 Thematic plan of lectures and their brief content

Item No.	Topics and content of lectures	Codes of formed competencies	Labor intensity (hour)
1	<p>Bioethics: philosophical and legal aspects.</p> <p>Bioethics as a philosophical paradigm of survival. The concept of "bioethics" in the concept of V.R. Potter and its evolution in modern medicine. Formation of new value-worldview attitudes of the sanctity of life, control over the right of a person to determine his own destiny. Respect for the individual and the value of a child's life.</p> <p>Key aspects of biomedical ethics as an interdisciplinary field.</p> <p>The reasons for the emergence of bioethics: the use of new technologies in medicine in connection with scientific and technological progress, the democratization of society and the struggle for human (patient) rights, changes in value priorities in the life of society, including attitudes towards health, requirements regarding ethical and legal criteria for regulation.</p> <p>Principles of bioethics. Rights and obligations of doctors. Rights of patients. The principle of confidentiality as a guarantee of human protection in the inner world, as a basis for trust and frankness as a principle of "doctor-patient", as a means of maintaining the prestige of the medical profession.</p> <p>Models of doctor-patient relationships: technical, sacred type (paternalism), collegial and contractual.</p> <p>Fundamentals of the media-defining documents of bioethics: "Hippocratic Oath", International Code of Medical Ethics of the VMA, Ethical Code of the Russian Physician, Fundamentals of the Legislation of the Russian Federation on the Protection of Citizens' Health, "Physician's Oath", Draft Universal Declaration on Human Rights and Bioethics (2005), Guidelines No. 1 of UNESCO for the Creation of Bioethics Committees (2007).</p>	UK-1; UK-5; UK-6; OPK-1.	2

2	<p>Moral and legal problems in obstetrics and gynecology.</p> <p>History of attitudes towards abortion in Russia and abroad. Reasons for the legalization of "abortion on request" in the USSR in 1920, its prohibition in 1936, and the repeal of this prohibition in 1955.</p> <p>Liberal and conservative positions on the abortion issue. Social, cultural and theological aspects of the abortion issue.</p> <p>New reproductive technologies: artificial insemination, in vitro fertilization , surrogacy, etc. The main moral issues of reproductive technologies:</p> <p>Legal regulation in the field of using new reproductive technologies: Council of Europe Ministerial Convention on Human Rights and Biomedicine; Declaration on Medical Abortions of the Military Medical Academy; Order of the Ministry of Health of Russia "On approval of the list of medical indications for artificial termination of pregnancy" (2008); Law of the Russian Federation "On the Protection of Citizens' Health" (Article 36).</p>	UK-1;UK-5; UK-6; OPK-1	2
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3	<p>Ethical issues in genetics .</p> <p>History of genetic methods and technologies of biological experiments to study the patterns and variability of genetic engineering and gene therapy (somatic and germline). The main ethical issues of gene technologies:</p> <ul style="list-style-type: none"> - the possibility of a biogenetic analogue becoming a reference sign; - the possibility of defining the genome as a personality criterion; - the problem of universality and voluntariness of medical research; - mandatory medical examination of people entering into marriage; - The problem of confidentiality and voluntary informing of patients in modern medical genetics. <p>Moral issues of cloning, creating "spare human parts"; Ethical aspects of eugenics. Liberal and conservative positions in the field of genetic technologies. Moral and legal regulation of the development and application of gene technologies: Universal Declaration on the Human Genome and Human Rights; Additional Protocol to the Protocol on the prohibition of cloning of human beings; Statement of the public-church council on biomedical ethics of the Moscow Patriarchate "On the moral and ethical inadmissibility of human cloning"; UN decision on the prohibition of human cloning (2005); Law of the Russian Federation "On state regulation in the field of genetic engineering activities".</p>	UK-1; UK-5; UK-6; OPK-1	. 2
4	<p>Moral and legal problems in psychiatry.</p> <p>Features of psychiatry and tasks of professional ethics. Social determination of personality functioning and mental health. Tolerance of doctors and society in establishing a diagnosis of mental disorder. Admissibility of involuntary hospitalization measures and human rights, balance of coercion and voluntary agreement. Mandatory conditions for the patient's decision - the absence of deception and coercion, the availability of adequate information, the level of the patient's competence, the inadmissibility of abuse. Differentiation of models of relationships between a psychiatrist and patients depending on the degree of mental disorder (paternalism). Striving for financial balance of banks and society. "Code of Professional Ethics of a Psychiatrist" dated 19.04.94, its main requirements:</p> <ul style="list-style-type: none"> - professional competence; - no harm done; - inadmissibility of abuse; - "therapeutic cooperation"; - informed consent"; - confidentiality; 	UK-1; UK-5; UK-6; OPK-1.	2

	<ul style="list-style-type: none"> - professional independence of the psychiatrist; - Responsibility for violation of the Code. <p>The Law of the Russian Federation "On psychological assistance in ensuring the rights of citizens when it is provided" as a guarantee of protecting the rights of society, citizens, persons suffering from diseases and deformities, doctors and medical personnel.</p>		
5	<p>AIDS: Ethical Issues and Human Rights. AIDS as a global problem of our time. Social, medical and moral problems of AIDS patients and HIV-infected people. Compliance with bioethics (respect for patient autonomy, informed consent, confidentiality, etc.) in HIV testing and screening and the provision of medical care to AIDS patients. Ethical issues of HIV-infected patients in pediatrics. Moral and legal regulation of the provision of medical care to HIV-infected and AIDS patients: Law of the Russian Federation "On the Prevention of the Spread in the Russian Federation of the Disease Caused by the Human Immunodeficiency Virus (HIV Infection)"; Resolution of the Russian Federation Economy on the approval of the rules for conducting mandatory medical examinations to detect the human immunodeficiency virus (dated 13.10.95); Federal Target Program for the Prevention of the Spread of AIDS in the Territory of the Russian Federation; Council of Europe Convention on Human Rights and Biomedicine.</p>	UK-1; UK-5; UK-6; OPK-1.	2
6	<p>Moral problems of transplantology. Pre-scientific and scientific history of human organ transplantation. Relevance of the moral and legal component of the transplantation problem in modern medicine. Transplantation and change in death criteria. Ethical and legal principles of transplantation:</p> <ul style="list-style-type: none"> - humanism; - the degree of absoluteness of the principle of "do no harm"; - parity of harm and benefit between donor and recipient; - the principle of informed voluntary agreement; - the principle of social justice and medical validity of the distribution of donor organs; - the principle of medical solidarity between surgeons, anesthesiologists, resuscitators, cardiologists, immunologists, biochemists, and geneticists. <p>Liberal and conservative positions on the problems of human organ transplantation. Social significance of transplantology. Threat of commercialization and criminalization. Legislative basal transplantology in Russia and abroad. The state of transplantology in Russia, the contribution of domestic scientists.</p>	UK-1; UK-5; UK-6; OPK-1.	2

7	<p>Death and dying. Euthanasia.</p> <p>The value of life and death depending on religion, morality, medicine. Historical and philosophical understanding of the problem of death (Epicurus, Aristotle, Hippocrates, T. More , F. Bacon, Voltaire, Feuerbach, Mil, Darwin, F. Nietzsche , A.A. Guseinov , Yu. Yudin , etc.). Historical approaches to the application of death criteria (stopping of the heartbeat and breathing, brain death; clinical and biological death).</p> <p>Requirements for a modern death criterion.</p> <p>Definition of euthanasia. Active and passive euthanasia. Main economic aspects of euthanasia:</p> <ul style="list-style-type: none"> - euthanasia is murder or an act of parliament; - moral assessment of a society that has legalized euthanasia from a humanist perspective; - the moral status of the doctor who completed the act of euthanasia; - euthanasia and the individual's right to a dignified death; - political aspects of the possibility of error, diagnosis of the probability of death; - Evaluation of economic support for euthanasia from a moral standpoint. <p>Liberal and conservative positions on euthanasia. Religious and theological positions on euthanasia (Catholicism, Orthodoxy, Protestantism, Buddhism, Islam).</p> <p>Legislative decision on the problems of euthanasia: Law of the Russian Federation "Fundamentals of Legislation on the Protection of Citizens' Health" (Article 45); Declaration on Euthanasia of the Military Medical Academy; Statement of the Public-Church Council on Biomedicine of the Moscow Patriarchate on the trends of legalization of euthanasia in Russia; Oath of a Russian doctor.</p>	UK-1; UK-5; UK-6; OPK-1	. 2
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2.3. Thematic plan of lessons and their content

	Name of practical classes	Contents of practical classes	Codes of formed competencies and indicators of their achievements	Types of control	Labor intensity (watch)

1	Ethics and morality: their essence and functions.	<p>Theoretical part . Ethics, its subject and task. The essence and functions of morality. Morality and ethics: dialectics of interaction. The history of the formation of the main provisions of medical ethics in pediatrics.</p> <p>Practical part. Solving situational problems. Testing Incoming inspection.</p>	<p>UK-1: ID UK-1.1. ID UK-1.3. ID UK-1.4. UK-5: ID UK-5.1. ID UK-5.2. ID UK-5.3. UK-6: ID UK-6.1. ID UK-6.2. OPK-1: ID OPK-1.1. ID OPK-1.2. ID OPK-1.3.</p>	<p>- testing -frontal oral questioning -checking the workbook - solving situational problems</p>	4 hours
2	Basic ethical categories.	<p>Theoretical part Conditionality of value orientations of the system of values and interests. Good and evil as basic categories of ethics. Historical and social approach to the formation of ideas about good and evil. Duty as the justification of the attitude towards a person. Aspects of the content of duty (civil, professional, family, comradesly, etc.). Conscience as a person's ability for moral self-assessment and self-control. Justice and its criteria. Problems of justice in modern medicine.</p> <p>Practical part. Solving situational problems. Testing</p>	<p>UK-1;UK-5; UK-1: ID UK-1.1. ID UK-1.3. ID UK-1.4. UK-5: ID UK-5.1. ID UK-5.2. ID UK-5.3. UK-6: ID UK-6.1. ID UK-6.2. OPK-1: ID OPK-1.1. ID OPK-1.2. ID OPK-1.3.</p>	<p>testing -frontal oral questioning -discussion of abstracts -solving situational problems</p>	4 hours
3	Bioethics: philosophical and legal aspects.	<p>Theoretical part The concept of "medical ethics" and "medical deontology", "biomedics" and "bioethics". Reasons for the emergence of bioethics. Axiological and legal aspects of biocine knowledge. Principles of bioethics, their features in pediatrics. Basic models of doctor-patient relationships within the framework of bioethics.</p>	<p>UK-1: ID UK-1.1. ID UK-1.3. ID UK-1.4. UK-5: ID UK-5.1. ID UK-5.2. ID UK-5.3. UK-6: ID UK-6.1. ID UK-6.2. OPK-1: ID OPK-1.1.</p>	<p>- testing -frontal oral questioning with elements of discussion -checking the workbook - solving situational problems</p>	4 hours

		Child abuse in a context of high morality and rights.	ID OPK-1.2. ID OPK-1.3.		
4	Ethical and legal aspects of medical research.	Theoretical part History of medical and biomedical experiments on humans. Ethical issues related to experiments involving humans. Legal regulation of biomedical research on humans (Nuremberg Code, WMA Declaration of Helsinki, Council of Europe Convention on Human Rights and Biomedicine). Ethical committees: history of creation and main areas of work.	UK-1: ID UK-1.1. ID UK-1.3. ID UK-1.4. UK-5: ID UK-5.1. ID UK-5.2. ID UK-5.3. UK-6: ID UK-6.1. ID UK-6.2. OPK-1: ID OPK-1.1. ID OPK-1.2. ID OPK-1.3.	-frontal oral questioning -discussion of abstracts -solving situational problems	2 hours
5	Moral and legal problems in obstetrics and gynecology.	Theoretical part Moral and historical approach to abortion. Ethical, legal and social problems of abortion. Ideological positions on the problem of abortion. Medical ethics and deontology in the aspect of gynecology of children and adolescents. Moral and legal problems of artificial human reproduction. Practical part. Solving situational problems. Testing	UK-1: ID UK-1.1. ID UK-1.3. ID UK-1.4. UK-5: ID UK-5.1. ID UK-5.2. ID UK-5.3. UK-6: ID UK-6.1. ID UK-6.2. OPK-1: ID OPK-1.1. ID OPK-1.2. ID OPK-1.3.	frontal oral questioning, discussion, -discussion of abstracts -solving situational problems - screening and academic film	4 hours
6	Ethical issues in genetics.	Theoretical part History of genetic methods and technologies. Ethical and legal analysis of the lower branches of medicine: A) medical genetics; B) cloning and eugenics. Worldview positions in the Practical part. Solving situational problems. Testing evaluation of gene technologies.	UK-1: ID UK-1.1. ID UK-1.3. ID UK-1.4. UK-5: ID UK-5.1. ID UK-5.2. ID UK-5.3. UK-6: ID UK-6.1. ID UK-6.2. OPK-1: ID OPK-1.1. ID OPK-1.2. ID OPK-1.3.	frontal oral questioning, discussion, -discussion of abstracts -solving situational problems - screening and academic film	2 hours
7	AIDS: Ethical Issues and Human Rights.	Theoretical part HIV infection: history of origin and routes of infection. Social (AIDS phobia), medical and	UK-1: ID UK-1.1. ID UK-1.3. ID UK-1.4.	frontal oral questioning, discussion, -discussion of	2 hours

		<p>moral aspects of AIDS. Moral and legal problems of HIV-infected children. Moral and legal regulation of medical care for HIV-infected and sick people . Practical part. Solving situational problems. Testing AIDS .</p>	<p>UK-5: ID UK-5.1. ID UK-5.2. ID UK-5.3. UK-6: ID UK-6.1. ID UK-6.2. OPK-1: ID OPK-1.1. ID OPK-1.2. ID OPK-1.3.</p>	<p>abstracts -solving situational problems - screening and academic film</p>	
8	Moral and legal problems of mental health.	<p>History of Ethics in Psychiatry. Theoretical Part Principles of Bioethics in Psychiatry and Models of Relationships between a Psychiatrist and Patients: Their Legal Guarantees. Abuses in Psychiatry. Moral and legal basis for providing modern psychiatric care . Practical part. Solving situational problems. Testing.</p>	<p>UK-1: ID UK-1.1. ID UK-1.3. ID UK-1.4. UK-5: ID UK-5.1. ID UK-5.2. ID UK-5.3. UK-6: ID UK-6.1. ID UK-6.2. OPK-1: ID OPK-1.1. ID OPK-1.2. ID OPK-1.3.</p>	<p>frontal oral questioning, discussion, -discussion of abstracts -solving situational problems - screening and academic film</p>	2 hours
9	Moral problems of transplantology.	<p>Theoretical part History of transplantology. Ethical and legal principles of transplantology. Ideological positions on the problems of transplantation of donor organs and alternative ways of their replenishment (creation of artificial organs, xenotransplantation). Legislative basis of transplantology. Practical part. Solving situational problems. Testing</p>	<p>UK-1: ID UK-1.1. ID UK-1.3. ID UK-1.4. UK-5: ID UK-5.1. ID UK-5.2. ID UK-5.3. UK-6: ID UK-6.1. ID UK-6.2. OPK-1: ID OPK-1.1. ID OPK-1.2. ID OPK-1.3.</p>	<p>frontal oral questioning, discussion, -discussion of abstracts -solving situational problems - screening and academic film</p>	2 hours
10	Death and dying. Euthanasia.	<p>Theoretical part Life and death as philosophical concepts and value categories. Criteria of death: history and modernity. Euthanasia: moral, legal and social aspects. Hospices: history, philosophy and organizational principles. Practical part. Solving situational</p>	<p>UK-1: ID UK-1.1. ID UK-1.3. ID UK-1.4. UK-5: ID UK-5.1. ID UK-5.2. ID UK-5.3. UK-6: ID UK-6.1.</p>	<p>frontal oral questioning, discussion, -discussion of abstracts -solving situational</p>	2 hours

		problems. Testing	ID UK-6.2. OPK-1: ID OPK-1.1. ID OPK-1.2. ID OPK-1.3.		
11	Conference "Problems of communication culture in medicine"	Topics of the reports: 1. Moral culture of communication. 2. Myelogeny , its structure and meaning. 3. "The doctor is the medicine himself". The problem of iatrogenic diseases in pediatrics. 4. Aesthetic and ethical aspects of communication during hospitalization of a child. 5. Non-verbal means of communication in the professional activities of a pediatrician.	UK-1: ID UK-1.1. ID UK-1.3. ID UK-1.4. UK-5: ID UK-5.1. ID UK-5.2. ID UK-5.3. UK-6: ID UK-6.1. ID UK-6.2. OPK-1: ID OPK-1.1. ID OPK-1.2. ID OPK-1.3.	Discussion of abstracts.	2 hours
12	Credit	Computer training (100 questions) Frontal survey (20 questions)	UK-1: ID UK-1.1. ID UK-1.3. ID UK-1.4. UK-5: ID UK-5.1. ID UK-5.2. ID UK-5.3. UK-6: ID UK-6.1. ID UK-6.2. OPK-1: ID OPK-1.1. ID OPK-1.2. ID OPK-1.3.	Testing. Frontal survey on approved questions	4 hours

2.4. Interactive forms of learning

No. p/p	Topic of the seminar	Labor intensity in hours	Interactive form of learning	Labor intensity per hour, in % of classes
1	Ethics and morality: their essence and functions.	4	Reflexive polylogue	45 min (50%)
2	Basic ethical categories	4	Solving situational problems	40 min. (45%)
3	Bioethics: philosophical and legal aspects.	4	Solving situational problems	40 min. (45%)
4	Ethical and legal aspects of medical research.	2	Reflexive polylogue	30 min. (33%)
5	Moral and legal problems in	4	Solving situational problems,	45 min (50%)

	obstetrics and gynecology.		reflexive polylogue . Watching and discussing an educational film.	
6	Ethical issues in genetics.	2	Solving situational problems. Watching and discussing an educational film.	30 min. (33%)
7	AIDS: Ethical Issues and Human Rights.	2	Solving situational problems, reflexive polylogue	45 min. (50%)
8	Moral and legal problems of mental health.	2	Reflexive polylogue	30 min. (33%)
9	Moral problems of transplantology.	2	Solving situational problems. Watching and discussing an educational film.	30 min. (33%)
10	Death and dying. Euthanasia.	4	Solving situational problems, reflexive polylogue	45 min. (50%)

2.5 Criteria for assessing students' knowledge

The assessment of learning outcomes is carried out in accordance with the “Regulations on the system for measuring learning outcomes of students of the Federal State Budgetary Educational Institution of Higher Education Amur State Medical Academy of the Ministry of Health of Russia”.

The basis for determining the level of knowledge, skills, and abilities are the measurement criteria - completeness and correctness:

- correct, sincere answer;
- correct but incomplete or imprecise answer
- incorrect answer; no answer.

When assigning marks, the classification of errors and their quality are assessed:

- gross errors;
- similar errors;
- minor errors; shortcomings.

The success of mastering is studied by the subject of the discipline "Bioethics" The quality of mastering knowledge is determined. The assessment is given on a five-point scale: "5" - excellent, "4" - good, "3" - satisfactory, "2" - unsatisfactory.

Measurement criteria

Quality development	Mark on a 5-point scale
90 - 100%	"5"
80 - 89%	"4"
70 - 79%	"3"
less than 70%	"2"

Incoming inspection

Conducted during the first employment, includes: solving problems and exercises; training in the Moodle system . <https://educ-amursma.ru/course/view.php?id=861>

The test control includes questions on the course of humanitarian and theoretical disciplines studied in the 1st year.

Current control

Current control includes initial and final control of knowledge.

Initial control - a teacher conducting a frontal survey at the beginning of each lesson in video mode, solving situational problems and exercises.

Final control – includes control over reasoned participation in the discussion , testing in the Moodle system. <https://educ-amursma.ru/course/view.php?id=861>

The final grade for a given current knowledge control is issued on the day of the class, as the arithmetic mean result for all types of activities provided for in the given class by the work program for the disciplines.

Verbal response measurement criterion

- **“5” (excellent)** – the student demonstrates deep and complete knowledge of the educational material, in the presentation of which no inaccuracies or extraction of facts are allowed, presents the material in a logical sequence, is well oriented in the presented material, and can provide justification for the judgments expressed.

- **“4” (good)** - the student has mastered the educational material in full, is well oriented in the educational material, presents the material in a logical sequence, but there may be some inaccuracy in the answer.

- **“3” (satisfactory)** – the student has mastered the main provisions of the seminar topic, however, when presenting the main material, there is an imprecision, he/she presents it inaccurately and inconsistently, since the complexity of substantiating the judgments expressed requires the presentation to be in leading forms on the part of the teacher.

- **“2” (unsatisfactory)** – the student has fragmented and unsystematic knowledge of the educational material, does not know how to choose the main and secondary, makes mistakes in basic concepts, distorts their meaning, and cannot independently present the material.

Criteria for measuring independent extracurricular work:

- the level of student mastery of the educational material;
- the completeness and depth of the presented knowledge and skills on the topic being studied, which includes successful independent work;

- development of universal and general professional competencies (ability to apply theoretical knowledge in practice).

- completion of the task on theoretical questions, given accurate answers to test tasks - “passed”.

- Control assignments on theoretical questions were not completed, inaccurate answers were given to test assignments – “failed”.

Abstract measurement criteria:

- **“5” (excellent)** – awarded to a student if he submits a complete, red, completed report on the chosen topic, presented in accordance with the requirements, presents his work in the form of a report with a computer presentation, answers questions on the topic of the report;

- **“4” (good)** – awarded to a student for a complete, expanded essay, formatted according to the requirements of the essay, but poorly presented;

- **“3” (satisfactory)** – the abstract contains information on the issue being studied that is not fully presented, is formatted with errors, or is poorly presented;

- **“2” (unsatisfactory)** – given to a student if the abstract is not written, or is written with serious errors, the report and computer presentation are not prepared, or their content does not correspond to the topic of the abstract.

Working off disciplinary debts.

1. If a student misses a class for a valid reason, he/she has the right to make it up and use the mark built into the course work program for that class. The valid reason must be documented.

2. If a student misses a class for an unimportant reason or receives a grade of "2" for all activities at work, he/she is required to make it up. With this grade, received for all activities, is multiplied by 0.8.

3. If a student is exempted from classes at the request of the dean's office (participation in international, cultural and other events), then he is given a grade of "5" for this class upon justified submission of a report on the completion of mandatory extra-curricular independent work on the topic of the planned class.

Criteria for measuring midterm assessment.

Midterm assessment (credit) – is carried out to assess the degree of achievement of planned learning outcomes upon completion of the study of a discipline and allows one to assess the level and quality of its assimilation by the student.

Success in mastering a subject is assessed on a 5-point scale: "5" – excellent, "4" – good, "3" – satisfactory, "2" – unsatisfactory.

"Excellent" - for conducting and fully mastering the content of the educational material, in which the student easily navigates, takes an active part in discussions, is able to develop his position in a reasoned manner, express and justify his judgments, and correctly and logically present the answer; up to 10% of false positives are allowed during testing.

"Good" - the student has fully mastered the educational material, is oriented in it, and correctly states the answer, but the content and form have some inaccuracy; up to 20% of false positives are allowed during testing.

"Satisfactory" - the student has mastered the definitions and concepts of the main provisions of the educational material, but presents it incompletely, inconsistently, and is unable to express and substantiate his/her judgments; up to 30% of false positives are allowed during testing.

"Unsatisfactory" - the student has fragmented and unsystematic knowledge of the educational material, does not know how to choose the main and secondary, makes mistakes in accordance with concepts, distorts their meaning, presents the material in a disorderly and uncertain manner, and makes more than 30% of erroneous answers during testing.

A student can claim to receive an "excellent" grade automatically if he/she has won a prize place in disciplinary or interdisciplinary Olympiads (university, regional) and passed the exam for 80% of classes and has an average score for the current measurability of at least 4.8 points . A student can be higher than the "automatic" grade and pass the test together with the conclusions of the grounds.

Interim assessment takes place through a 3-stage test system:

1. Testing in the system " Moodle " <https://educ-amursma.ru/course/view.php?id=861>
2. Based on assessments of the modern knowledge control, answers in seminar classes are calculated in the average score of the current state, which is recorded in the educational (electronic) journal. The average score of the current knowledge control is observed during the midterm assessment.
3. Oral answers to questions submitted for credit in accordance with the work program.

Criteria for measuring midterm assessment

Stages	Mark out of 5 ballroom school	Binary scale
Test control in the system " Moodle "	3-5	passed
Complete completion of all topics studied in accordance with the work program.	3-5	
Oral answer at the test	3-5	
Test control in the system " Moodle "	2	
Completion of all studied topics in	2	

accordance with the work program		not credited
Superficial knowledge during oral answering during the test	2	

2.6. Independent work of students: classroom and extracurricular.

The organization of independent audit work of students is carried out with the help of methodological instructions for students, which contain theoretical goals, a list of the main theoretical questions for study, a list of practical work and the methodology for conducting it, instructions for the presentation of results, their discussion and results, assignments for self-control with standard answers, a list of recommended literature.

From 1/4 to 1/2 of the practical lesson time is allocated for independent work of students: conducting research, recording results, discussing them, formulating conclusions, completing relevant tasks. The preparatory stage, or conducting an indicative basis of activity, begins for students outside of class time in preparation for the practical lesson, and ends in class.

All necessary stages are performed according to employment. This materialized action (solving a problem using an algorithm or without an algorithm, with a previously known answer) is performed independently. The teacher, if necessary, provides consultation, provides assistance and simultaneously monitors the quality of students' knowledge and their skills, applies knowledge to solve the assigned tasks.

Item No	Seminar Topic	Time to prepare a student for employment (hour)	Forms of independent non-audit work	
			Mandatory and the same for all students	At the student's choice
1	Ethics and morality: their essence and functions.	2	Independent preparation of seminar questions; Preparation of a public speech; educational literature; Search and selection of information on the Internet.	1. Table "Periodization of this developing thought in the history of society." 2. See the tasks in the textbook by A.I. Kovalenko "Fundamentals of Bioethics". Pp. 7-8.
2	Basic ethical categories.	3		1. Reports on topics (with presentation): A) Good and evil in Russian idealistic philosophy. B) Moral values in Nietzsche's philosophy. B) Justice:

				<p>history and types.</p> <p>2. See the tasks in the textbook by A.I. Kovalenko. Pp. 14-15.</p>
3	Bioethics: philosophical and legal aspects.	3		<p>Reports on topics (with presentation):</p> <ol style="list-style-type: none"> 1. The principle of reverence for life in A. Schweitzer . 2. Humane principles of bioethics. 3. Philosophical foundations of health preservation . 4.
4	Ethical and legal aspects of medical research.	1	<p>Independent preparation of seminar questions;</p> <p>Preparation of a public speech; educational literature;</p> <p>Search and selection of information on the Internet.</p>	<p>Reports with presentations on the topics:</p> <ol style="list-style-type: none"> 1 Medical experiments of the Third Reich as a standard against humanity. 1. Ethical committees for the protection of human rights and dignity.
5	Moral and legal problems in obstetrics and gynecology.	3		<p>Reports with presentations on the topics:</p>

				<p>1. The problem of the consequences of the human embryo.</p> <p>2. Moral and legal issues of surrogacy.</p> <p>2. See the assignments in the textbook by A.I. Kovalenko "Fundamentals of Bioethics". P. 14-15</p>
6	Ethical issues in genetics.	2		<p>Reports with presentations on the topics:</p> <p>1. Ethical and legal aspects of human cloning.</p> <p>2. Transgenetics – a global evil or the salvation of humanity.</p>
7	AIDS: Ethical Issues and Human Rights.	1	<p>Independent preparation of seminar questions;</p> <p>Preparation of a public speech; educational literature;</p> <p>Search and selection of information sources</p>	<p>Reports with presentations on the topics:</p> <p>1. AIDS and public health issues.</p> <p>2. AIDS and human rights.</p>
8	Moral and legal problems of mental health.	1		<p>Reports with presentations on the topics:</p> <p>1. Alcoholism and drug addiction as social, medical and moral phenomena.</p> <p>2. Types of abuse in psychiatry.</p>

9	Moral Problems of Transplantology	1		Report with presentation on the topic: "Moral aspects of cell therapy".
10	Death and dying. Euthanasia.	3	Independent preparation of seminar questions; Preparation of a public speech; educational literature; Search and selection of information on the Internet.	<p>Reports with presentations on the topics:</p> <ol style="list-style-type: none"> 1. The problem of life and death in philosophy. 2. Suicide among young people as a social and moral evil. <p>2. Essay on the topic: "Euthanasia: for or against?" (see recommendations in the appendix to the assignments for creative work).</p> <ol style="list-style-type: none"> 3. See tasks and situations for independent work by A.I. Kovalenko "Fundamentals of Bioethics". P. 65-66.
11	Conference on the topic "Problems of communication culture in medicine".	2		<p>Reports on topics (with presentation):</p> <ol style="list-style-type: none"> 1. Moral culture of communication. 2. Myelogeny, its structure and meaning. 3. "The doctor is the medicine himself". The problem of iatrogenic

				diseases in pediatrics. 4. Aesthetic and ethical aspects of communication during hospitalization of a child. 5. Non-verbal means of communication in the professional activities of a pediatrician.
14	Final lesson. Credit.	2		
Labor intensity in hours		24	21	3

2.7. Research (project) work of students.

Research (project) work students (NIRS) is a mandatory section of the discipline and is aimed at comprehensive training of universal and general professional competencies of students. NIRS provide for the study of high-quality literature and other scientific and technical information on the conduct of domestic and foreign science and technology in the relevant fields of knowledge, participation in scientific research, etc. The topics of NIRS are determined by students independently or in consultation with the teacher.

Classroom work :

1. Introduction of elements of scientific research into work during seminar classes;
2. Familiarization with the theoretical foundations of methodology, organization, organization and conduct of scientific research on social and humanitarian objects.

Extracurricular work :

1. Information search and abstracting of scientific literature and sources.
2. Carrying out specific research tasks in preparing reports for scientific conferences.
3. Systematization of materials and literary processing of sources.
4. Preparation of scientific reports and abstracts.

Sample topics for reports and essays

1. Philosophical status of bioethics
2. History and philosophy of ethics
3. Teaching about good in the Russian philosophical tradition (Vl. Soloviev).
4. The specific role of literature in the development of domestic moral consciousness (L.N. Tolstoy, F.M. Dostoevsky, A.P. Chekhov, V.V. Veresaev, M.A. Bulgakov, A.I. Solzhenitsyn, etc.).
5. The Nuremberg Code and the Declaration of Helsinki of the World Medical Association as

fundamental sources of modern moral standards for conducting experiments and observing requirements for humans.

6. Socio-cultural phenomenon of bioethics
 7. Bioethical status of modern medicine
 8. The moral essence of interpersonal communication as etiquette in medicine.
 9. The main stages of the history of ethics in its relation to the development of theoretical and practical medicine.
 10. Philosophy and approaches of the dialectical style of thinking of physicians.
 11. Medicine and global problems of our time.
 12. The essence of the philosophical understanding of human ecology.
 13. What is justice in medicine?
 14. Doctor and patient: types and forms of definition.
 15. This genetics is medical and professional.
 16. Ethics in pharmaceutical activities.
 17. Philosophical problems of experiment in medicine.
 18. Problems of medical ethics and the state of medical deontology.
 19. The rights, dignity and grace of the patient as the highest value in medicine.
 20. Informing the patient and his consent to medical intervention.
 21. The place of human health in the system of value orientations of medicine.
 22. Medical genetics and bioethics.
 23. Ethical and legal problems of human cloning.
 24. History of the problem of euthanasia . Modern discussions and ethical and legal regulations.
 25. Moral issues of organ and tissue transplantation.
 26. AIDS as a global problem of our time. Moral and ethical issues.
 27. Stigmatization, discrimination and segregation of HIV-infected people in the world, morality and rights.
5. Completing creative tasks containing elements of scientific research (writing a summary, independent research of a little-studied ethical problem, etc.)

Examples of essay topics:

1. The role of the pediatrician was performed by child abusers.
2. Conflicts in medicine: causes and ways to resolve them.
3. Euthanasia: for or against.
4. The physician's oath: from Hippocrates to the present day.

Sample topics for independent research

1. The problem of non-resistance to the evil received.
2. The Dream of a "Golden Age": History and Modernity.
3. An essay on the moral manifestation of fear and laughter.
4. "Sadness comes from not seeing the good in good" N. Gogol.
5. An experience of moral self-analysis.

Criteria for assessing students' research (project) work

The main indicators of the results of research work are the quality of the topic, the author's text, the logic of the presentation of the material, the reliability of the sources, and analytical conclusions.

To evaluate research work, a binary measurement scale of "Passed", "Failed" is adopted.

- The research on security issues in the report is presented in detail, the specialized literature is well developed, the material of scientific and technical information on the progress of domestic and foreign science and technology in the relevant field of knowledge is studied - "passed".

- The problems of the research are not sufficiently described in the report, the special literature is poorly developed, the material of scientific and technical information on the implementation of

domestic and foreign science and technology in the relevant field of knowledge has been studied - "not accepted".

III . EDUCATIONAL, METHODOLOGICAL, MATERIAL, TECHNICAL AND INFORMATION SUPPORT DISCIPLINES

3.1. List of main literature:	
1. Shamov I. A. Biomedical ethics Shamov I. A. - Moscow: GEOTAR-Media, 2014. - 286 p. - ISBN 978-5-9704-2976-1. - Text: electronic (access date: 05/06/2021). - Access mode: by subscription.	http://www.studmedlib.ru/ru/book/ISBN9785970429761.html
2. Moiseev, V. I. Bioethics: in 2 volumes. Vol. 1.: textbook Moiseev V. I., Moiseeva O. N. - Moscow: GEOTAR-Media, 2021. - 160 p. - ISBN 978-5-9704-6038-2. - Text: electronic (date accessed: 05/04/2021). - Access mode: by subscription.	http://www.studmedlib.ru/book/ISBN9785970460382.html
3. Khrustalev Yu. M. Bioethics. Philosophy of preserving life and preserving health: textbook / Yu. M. Khrustalev. - Moscow: GEOTAR-Media, 2019. - 400 p. - ISBN 978-5-9704-5266-0. - Text: electronic (date accessed: 04.05.2021). - Access mode: by subscription.	http://www.studmedlib.ru/book/ISBN9785970452660.html
4. Palliative care for adults and children: textbook / edited by N. V. Orlova, L. I. Ilyenko, E. S. Sakharova. - 2nd ed., corrected and additional. - Moscow: GEOTAR-Media, 2023. - 592 p. - ISBN 978-5-9704-7394-8, DOI: 10.33029/9704-7394-8-PCAC-2023-1-592. - Electronic version is available on the website of the Electronic Library System " Student Consultant": [site].	https://www.studentlibrary.ru/book/ISBN9785970473948.html
5. Berzegova , L. Yu. Culture of speech: Spelling of medical terms: a tutorial / L. Yu. Berzegova , T. F. Matveeva, M. S. Netesina . - Moscow: GEOTAR-Media, 2024 .-- 96 p. - ISBN 978-5-9704-8051-9, DOI: 10.33029/9704-8051-9-KPB-2024-1-96. - The electronic version is available on the website of the electronic library system "Student Consultant" (date of access: 09/06/2024). - Access mode: by subscription. - Text: electronic version.	https://www.studentlibrary.ru/book/ISBN9785970480519.html

3.2. List of additional literature:	
1. Shamov I. A. Bioethics. Ethical and legal documents, regulations / I. A. Shamov , S. A. Abusuev - Moscow: GEOTAR-Media, 2014. - 357 p. - ISBN 978-5-9704-2975-4. - Text: electronic (access date: 05/06/2021). - Access mode:	http://www.studmedlib.ru/ru/book/ISBN9785970429754.html
2. Sergeev, V. V. Bioethics: a textbook / V. V. Sergeev et al. - Moscow: GEOTAR-Media, 2013. - 240 p. - ISBN 978-5-9704-2596-1. - Text: electronic (date accessed: 05/06/2021). - Access mode: by subscription.	http://www.studmedlib.ru/ru/book/ISBN9785970425961.html
3. Mikhalovska -Karlova, E. P. Bioethical practices: a textbook Mikhalovska -Karlova E. P., Gorelova L. E. - Moscow: Litterra , 2012. - 208 p. - ISBN 978-5-4235-0058-0. - Text: electronic (date accessed: 05/06/2021). - Access mode: by subscription.	http : //www.studmedlib.ru/ru/book/ISBN9785423500580.html
4. Khrustalev, Yu. M. Bioethics. Philosophy of preserving life and preserving health: textbook / Yu. M. Khrustalev. - Moscow: GEOTAR-Media, 2023. - 400 p. - ISBN 978-5-9704-7420-4. - Text: electronic // Electronic Library System "Student Consultant": [website] . - (date of access: 10/30/2024). - Access mode: by subscription.	https://www.studentlibrary.ru/book/ISBN9785970474204.html
5. Starchikov, M. Yu. Legal principles of protecting the rights of workers of the constitution: provisions of legislation, commentator of the aria of a lawyer and judicial practice: a guide for doctors / M. Yu. Starchikov . - Moscow: GEOTAR-Media, 2023. - 248 p. - ISBN 978-5-9704-7282-8. - Text: electronic // Electronic Library System "Student Consultant": [website] . - (date of access: 07.11.2024). - Access mode: by subscription.	https://www.studentlibrary.ru/book/ISBN9785970472828.html

3.3 Educational and methodological support for the discipline prepared by the department staff:

1. Kovalenko A.I. Fundamentals of Bioethics. A Textbook for Independent Study of Medical University Students. Blagoveshchensk, 2018, 96 p. (UMO)

Electronic and digital technologies:

Online course on the subject "Bioethics" in the EIS FSBEI HE Amur State Medical Academy (<https://educ-amursma.ru/course/view.php?id=861>).

Characteristics of modules in electronic information and educational in the know

educational	Controlled
Theoretical (lecture) material, scientific and educational films.	Methodological recommendations for students in independent extracurricular work.
Methodological recommendations for students in practical classes. Methodological recommendations for solving situational problems on the topics of the discipline.	List of recommended topics for abstracts and provisions for abstract design.
Reference materials.	Tests of entrance, current and final knowledge control.

3.4 Equipment used for the educational process

In order to implement the main educational program for training specialists in the discipline "Bioethics", the department maintains a classroom equipped with 15 tables, 30 chairs, a lecture hall adapted for the production of film and video films and the use of projection equipment, including floor equipment. 15 video films have been prepared. The equipment provided by the Academy is used in the educational process:

1. Multimedia projector
2. Personal computer

3.5. Professional databases, information reference systems, electronic educational resources.

Resource name	Resource Description	Access	Resource address
Electronic library systems			
"Student consultant. Electronic library of the medical university"	For students and teachers of medical and pharmaceutical universities. Access to electronic versions of textbooks, scientific manuals and periodicals is provided.	Remote access after registration under the university profile	https://www.studentlibrary.ru/
Reference and information system " MedBaseGeotar "	The reference and information system " MedBaseGeotar " for practicing medical specialists, researchers, teachers, postgraduate students, coordinators, senior students, and managers in the field of healthcare for the prompt search, selection, and reading of medical literature necessary for work in a single data source.	Remote access after registration under the university profile	https://mbasegeotar.ru/pages/index.html
EBS « Bookup »	A large medical library is an information and educational platform for the joint use of electronic scientific, educational and methodological publications from medical universities in Russia and the CIS countries.	Remote access after registration under the university profile	https://www.books-up.ru/
EBS "Lan"	Network electronic library of medical	Remote access	https://e.lanbook.com/

	universities - an electronic database of natural and scientific nature on medical topics, created with the help of the implementation of the Fund of the global form of professional educational programs, open access to educational materials for partner universities.	after registration under the university profile	
Scientific electronic library " CyberLeninka "	CyberLeninka is a scientific electronic library built on the paradigm of open science (Open Science), complex tasks, which are popularization of science and scientific activity, public control of the quality of scientific publications, development of interdisciplinary research, the institute of modern scientific reviews, increasing the citation of Russian science and the development of scientific knowledge. Contains more than 2.3 million scientific articles.	with free access	https://cyberleninka.ru/
Oxford Medicine Online	A collection of Oxford Medical Press publications, bringing together over 350 titles into a single resource with essential search features. Publications include Oxford Directory from Clinical Medicine and Oxford Textbook from Medicine , electronic version which is constantly updated.	with free access	http://www.oxfordmedicine.com
Human Biology Knowledge Base	Reference information on physiology , cell biology , genetics , biochemistry , immunology , basics . (Resource of the Institute of Molecular Genetics of the Russian Academy of Sciences .)	free access	http://humbio.ru/
Medical online library	Free reference books, encyclopedias, books, monographs, abstracts, Russian-language literature test, Russian-language literature test.	free access	https://www.medlib.ru/library/library/books
Information systems			
Recommendations rubricator	Resources of the Ministry of Health of Russia, which contain recommendations developed and approved by legal and professional non-profit organizations of the Russian Federation, as well as methodological guidelines, nomenclatures and other reference materials.	link to download the application	https://cr.minzdrav.gov.ru/#/
Federal Electronic Medical Library (FEMB)	The Federal Electronic Medical Library is part of the unified state information system in the field of healthcare as a reference system . FEMB was created on the basis of the infrastructure of the Central Medical Scientific Library named after I.M. Sechenov.	with free access	https://femb.ru/
Russian Medical Association	Professional Internet resource . Objective: to promote thorough and effective professional activity of medical personnel. Contains the charter, personnel, structure, rules, information about the Russian Medical Union.	free access	http://www.rmass.ru/
Web -medicine	The site is a directory of professional medical	with free	http://webmed.irkutsk.ru/

	resources, including links to the most important subject sites, society journals, as well as useful documents and programs. The site is intended for doctors, students, university and research institution leaders.	access	
Databases			
World Health Organization	The site contains news, statistics on countries nearby all world health organizations, fact sheets, reports, publications on WHO and much more.	free access	http://www.who.int/ru/
Ministry of Science and Higher Education of the Russian Federation	The website of the Ministry of Science and Higher Education of the Russian Federation contains news, newsletters, reports, publications and much more.	free access	http://www.minobrnauki.gov.ru
Ministry of Education of the Russian Federation	The website of the Ministry of Education of the Russian Federation contains news, newsletters, reports, publications and much more.	free access	https://edu.gov.ru/
Federal portal "Russian education"	Single window of access to educational resources. On this portal you can get access to textbooks in all areas of medicine and health care.	free access	http://www.edu.ru/
Polpred.com	Electronic library system Business media. Media Review	free access	https://polpred.com/news
Bibliographic databases			
Database "Russian Medicine"	It is created in the Central Scientific and Methodological Library, protecting the entire collection, starting in 1988. The database contains bibliographic descriptions of articles from domestic journals and collections, dissertations and their authors, as well as domestic and foreign books, collections of institutes' works, conference materials, etc. Thematic basic data contradict all areas of medicine and related biology, biophysics, biochemistry, psychology, etc.	free access	https://rucml.ru/
PubMed	A text database of medical and biological research published in English. The PubMed database is an electronic search engine with access to 30 million publications from 4,800 indexed journals on various topics. It is based on articles published from 1960 to the present day, including information from MEDLINE, PreMEDLINE, NLM. Each year, the portal is replenished with more than 500 thousand new works.	with free access	https://pubmed.ncbi.nlm.nih.gov/
eLIBRARY.RU	Russian information portal in the field of science, technology, medicine and education, both abstracts and full texts of more than 13	Full functionality of the site is	http://elibrary.ru/defaultx.asp

	million scientific articles and publications. The eLIBRARY.RU platform provides electronic versions of more than 2,000 Russian scientific and technical journals, including more than 1,000 open access journals.	available after registration	
Electronic library of dissertations (RSL)	Currently, the Electronic Library of Dissertations of the Russian State Library contains more than 919,000 full texts of dissertations and abstracts.	free access	http://diss.rsl.ru/?menu=disscatalog/
Medline .ru	Medical and biological portal for specialists. Biomedical journal.	with free access	https://journal.scbmt.ru/jour/index
Official Internet portal bans information	The single official information and legal resource in Russia	free access	http://pravo.gov.ru/

3.6 . Licensed and freely distributed software used in the educational process.

No. p /p	List of commercial programs (software products)	Details, supporting documents
1.	MS Operating System Windows 7 Professional	License number 48381779
2.	MS Operating System Windows 10 Professional	CONTRACT No. UT-368 from 09.21.2021
3 .	MS Office	License number: 43234783, 67810502, 67580703, 64399692, 62795141, 61350919.
4.	Kaspersky Endpoint Security for business - Standard Russian edition . 50-99 Node, extended educational license for 1 year	Agreement No. 7 AA dated 02/07/2025
5.	1C Accounting and 1C Salary	LICENSE AGREEMENT 612/L dated 02.02.2022 (additional licenses)
6.	1C: PROF University	LICENSE AGREEMENT No. KrTsB-004537 dated 12/19/2023
7.	1C: Library PROF	LICENSE AGREEMENT No. 2281 dated 11.11.2020
8.	Consultant Plus	Contract No. 41AA dated 12/27/2024
9.	Contour .Tolk	Agreement No. K213753/24 dated 13.08.2024
10.	3KL Learning Starter Tool (Russian Moodle)	Agreement No. 1362.5 dated November 20, 2024
11.	Aster Linux General Version	Agreement No. 142 A dated September 21, 2021
12.	Information system "Plans"	Agreement No. 2873-24 dated June 28, 2024
13.	1C:Document Management	Agreement No. 2191 dated 10/15/2020
14.	R7-Office	Agreement No. 2 KS dated 12/18/2020
15.	License "OS ROSA CHROME workstation"	Agreement No. 88A dated 08/22/2024
16.	Alt Virtualization Server 10 (for secondary specialized and higher professional education)	Agreement No. 14AK dated 09/27/2024
17.	Dr.Web Desktop Safety Lux Comprehensive security + Control Center for 12 months.	Agreement No. 8 dated October 21, 2024
18.	Software "Timetable for Higher Education Institutions"	Agreement No. 82A dated July 30, 2024

List of freely distributed software

No. p /p	List of freely distributed software	Links to license agreement
1.	Yandex Browser	Free distribution License agreement for using the Yandex Browser program https://yandex.ru/legal/browser_agreement/
2.	Yandex .T elemost	Free distribution License agreement for using the program https://yandex.ru/legal/telemost_mobile_agreement/
3.	Dr.Web Cure !	Free distribution License Agreement: https://st.drweb.com/static/new-www/files/license_CureIt_ru.pdf
4.	OpenOffice	Free distribution License: http://www.gnu.org/copyleft/lesser.html
5.	LibreOffice	Free distribution License: https://ru.libreoffice.org/about-us/license/
6.	VK Calls	Free distribution https://vk.com/license
7.	Free Kaspersky Antivirus	Free distribution https://products.s.kaspersky-labs.com/homeuser/Kaspersky4Win2021/21.16.6.467/english-0.207.0/3830343439337c44454c7c4e554c4c/kis_eula_en-in.txt

3.7. Resources of the information and telecommunications network "Internet"

- Library of Amur State Medical Academy. Access mode:
<https://amurgma.ru/obuchenie/biblioteki/biblioteka-amurskoy-gma/>
- Electronic library system "Student consultant". Access mode:
<https://www.studentlibrary.ru>
- Electronic library of medical literature. Access mode:
<https://www.books-up.ru / ru/entrance/97977feab00ecfbf9e15ca660ec129c0/>

IV . ASSESSMENT TOOLS FUND

4.1. Current test control (input, initial, output), final.

4.1.1 Examples of entrance control test tasks (with standard answers)

Test assignments are located in the Moodle system .

Access mode: <https://educ-amursma.ru/course/view.php?id=861>

Total number of tests - 100 .

(choose one correct answer)

1. THE PERIOD OF INTRAUTERINE DEVELOPMENT DURING WHICH MONOZYGOTIC TWINS OCCUR:

- 1) Fetogenesis ;

- 2) Blastogenesis ;
- 3) Gametogenesis
- 4) Embryogenesis

2. THE MOST COMPLEX IN TERMS OF DEVELOPMENT MECHANISMS AND HIGH SENSITIVITY TO ENVIRONMENTAL FACTORS, THE PERIOD OF DEVELOPMENT FOR CONGENITAL MALFORMATIONS:

- 1) Fetopathy ;
- 2) Blastopathy ;
- 3) Gametopathy ;
- 4) 4.Embryopathy

3. ALIMONY AGREEMENT:

- 1) cannot be terminated or modified;
- 2) may be modified or terminated at any time by decision of one of the parties;
- 3) may be modified or terminated at any time by mutual consent of the parties;
- 4) may be changed at the initiative of government agencies.

Answer standards: 1-2; 2-4; 3-3.

4.1.2 Examples of test tasks for initial control (with standard answers)

Test assignments are located in the Moodle system . Access mode:

<https://educ-amursma.ru/course/view.php?id=861>

Total number of tests - 100.

(choose one correct answer)

1. ETHICS IS:

- 1) 1. The form of public consciousness;
- 2) The science of morality and ethics;
- 3) 3. The field of knowledge that studies all virtues;
- 4) The science of good and evil.

2. THE SUBJECT OF STUDY OF ETHICS IS:

- 1) Etiquette;
- 2) Morality and ethics;
- 3) Public relations;
- 4) Human behavior.

3. THE TERM “MORALITY” WAS FIRST INTRODUCED BY:

- 1) Cicero;
- 2) Aristotle;
- 3) I. Kant ;
- 4) F. Feuerbach

Answer standards: 1-2; 2-2; 3-2.

4.1.3 Examples of test tasks for final control (with standard answers)

Test assignments are located in the Moodle system . Access mode:

<https://educ-amursma.ru/course/view.php?id=861>

Total number of tests - 100.

(choose one correct answer)

1. THE CONCEPT OF "BIOETHICS" WAS FORMULATED BY:

- 1) Hippocrates;
- 2) Potter;
- 3) Paracelsus;
- 4) Pinel .

2. THE CONTENT AND ESSENCE OF BIOETHICS ARE MOST FULLY REFLECTED IN THE DEFINITION:

1. Bioethics – medicine in the twenties of moral norms and human rights;
 - 2) Bioethics is a moral attitude towards all living things on earth;
 - 3) Bioethics is the comprehensiveness of government regulation and policy;
 - 4) Bioethics is an integrated field of knowledge that includes science and economics practiced, value orientations of culture in relation to life and death
- a person in whom the interests of medicine, philosophy, and biology intersect, theology, legal sciences.

3. IN THE ETHICS OF PARACELSUS, THE MAIN PRINCIPLE OF MEDICAL ETHICS IS:

1. do not steal;
- 2) do not bear false witness;
- 3) do well;
- 4) informed consent.

Answer standards: 1-2; 2-4; 3-3.

4.1.4 Examples of test tasks for final assessment (with standard answers)

Test assignments are located in the Moodle system . Access mode:

<https://educ-amursma.ru/course/view.php?id=861>

Total number of tests - 100.

(choose one correct answer)

1. THE MAIN CONTENT OF HEDONISM COMES FROM:

- 1) moral is everything that brings pleasure to a person;
- 2) morality is embedded in the human heart;
- 3) human actions caused by natural phenomena;
- 4) the level of morality is God.

2. EUDAEMONISM LINKS MORALITY WITH:

- 1) bodily pleasures;
- 2) attainment of nirvana;
- 3) striving for and achieving happiness;
- 4) the philosophical essence of morality.

3. THE MAIN CONTENT OF ETHICAL UTILITARIANISM COMES FROM THE PRESENTED FACT THAT:

- 1) a moral person can be a happy person;
- 2) the basis of morality and ethics is the benefit of man;
- 3) the basis of morality is nobility;
- 4) moral standards in the organization of educational institutions.

Answer cards: 1-1; 2-3; 3-2; 4-3.

4.2. Situational tasks and games

Analyze the situations below and answer the following questions: what is more humane for you: preserving the life of a disabled child or not? How to comply with the position of medical duty, which requires fighting for the life of patients until the "last breath", and the right of parents to refuse treatment?

1. A girl was born with oxalosis . At age two, she developed kidney stones and gradually developed severe renal failure. She drifted in and out of a uremic coma for weeks, with her vital signs carefully monitored and regulated by junior staff. Every day, she had blood tests for electrolytes and acid-base balance. Every few days, she needed a venous catheter, which was becoming increasingly difficult. She was pale and weak, and in constant pain. Eventually, her parents sought medical advice, allowing the girl to slip into a coma and Cedent.

2. A newborn baby with Down syndrome, which is confirmed by chromosomal studies, leads to intestinal obstruction, he requires immediate surgical intervention, but the parents do not take into account the protocol, considering that it is better for the newborn to die than to live as a disabled person later.

3. A twelve-year-old boy with Down syndrome had a congenital heart defect. Surgical intervention before the age of twelve was of no importance, but at this age it became necessary for vital indicators. By the age of twelve, the boy was developing well, was a good student in high school, and played sports. His parents did not allow the heart defect surgery, which would have prolonged the boy's life. They believed that after their death, no one would have the quality of his life.

4.3 List of practical skills that students must develop after completing the coursework.

1. Skills of perception and analysis of special texts that reveal ethical and legal content;
2. Techniques for conducting discussions and polemics;
3. Public speaking skills and reasoned parliamentary presentation of one's points of view related to current bioethical issues;
4. Skills in measuring and analyzing various factors, facts and trends in the healthcare system;
5. Techniques for communicating with patients and relatives of sick people.

4.4. List of questions for the test

1. Ethics. Its subject, essence and functions.
2. To reveal the concepts of "ethics", "morality", "morality".
3. Good and evil are the basic concepts of morality.
4. Reveal the essence of the concept of duty. Features of medical duty.
5. The concept of justice in ethics, law, society. Criteria of justice.
6. Reveal the essence of the concepts of medical ethics, medical deontology, biomedicine, bioethics.
7. Reasons for the emergence of bioethics.
8. Basic principles of bioethics.
9. Axiological component of bioethics.
10. Morality and law as regulators of relations in modern medicine.
11. Models of the "Doctor-Patient" relationship.
12. Moral and legal problems of medical experiments on children.

13. Moral and legal problems of medical abortion.
14. Moral and legal aspects of the use of modern reproductive technologies.
15. Moral and legal problems of genetics.
16. Eugenics and human cloning are a moral challenge of the time.
17. Social and moral content of psychiatry. Peculiarities of the inclusion of "doctor-patient" in psychiatry.
18. Moral and legal aspects of transplantology.
19. Death and dying. Cultural, medical, psychological, moral and legal aspects.
20. Euthanasia – Mercy Killing? Moral Arguments and Legal Assessment.

APPROVED
at a meeting of the Department of Philosophy,
history of the Fatherland and foreign languages
Protocol No. 9 of May 27, 2026
Acting Head of Department



E.N. Maslova

**ADDITIONS AND CHANGES TO THE WORK PROGRAM FOR THE DISCIPLINE
"BIOETHICS"
SPECIALTY 31.05.01 MEDICAL CARE
FOR THE 2026-2027 ACADEMIC YEAR**

1. The amount of contact work in this discipline has been reduced from 48 to 36 hours.
2. The amount of independent work in this discipline has been increased from 24 to 36 hours.
3. **Clause 2.1. "Scope of the discipline and types of academic work" of section 2 shall be set out as follows:**

No. p / p	Types of educational work	Total hours	Semester 5
1	Lectures	8	8
2	Practical classes	28	28
3	Independent work of students	36	24
	Total labor intensity in hours	72	72
	Total workload in credit units	2	2

4. **Clause 2.2. "Thematic plan of lectures and their summary" of section 2 shall be set out as follows:**

Item No.	Topics and content of lectures	Codes of the formed competencies	Labor intensity (in hours)
1	Bioethics: philosophical and legal aspects. - The reasons for the emergence of bioethics - Principles of bioethics. Rights and responsibilities of doctors. Rights of patients. - Models of doctor-patient relationships: technical, sacred type (paternalism), collegial and contractual. - Fundamental documents of biomedical ethics. The development of new values and ideological attitudes regarding the sanctity of life and respect for the human right to determine one's own destiny.	UK-1; UK-5; UK-6; OPK-1.	2
2	Problems of bioethics in certain areas of medicine: Moral and legal issues in obstetrics and gynecology: the history of attitudes toward	UK-1; UK-5; UK-6; OPK-1	4

	<p>abortion in Russia and abroad. The reasons for the legalization of "abortion on request" in the USSR in 1920, its prohibition in 1936, and the repeal of this prohibition in 1955. Liberal and conservative positions on abortion. Social, cultural, and theological aspects of abortion.</p> <p>The main moral issues of reproductive technologies. Legal regulation in the use of new reproductive technologies.</p> <p>- Ethical issues in genetics: the history of genetic methods and technologies, from biological experiments studying heredity and variability to genetic engineering and gene therapy. Key ethical issues in gene technologies.</p> <p>Moral and legal issues in psychiatry: the specifics of psychiatry and the challenges of professional ethics. Social determination of the functioning personality and psychiatry. Tolerance between physician and society when diagnosing mental disorders. Differentiation of psychiatrist-patient relationship models depending on the severity of mental disorders (paternalism). The Law of the Russian Federation "On Psychiatric Care and Guarantees of Citizens' Rights in Its Provision" as a guarantor of protection of the rights of society, citizens, individuals with mental disorders, physicians, and medical personnel.</p> <p>- Moral problems of transplantology: Pre-scientific and scientific history of human organ transplantation. The relevance of the moral and legal component of the transplantation problem in modern medicine. Transplantation and changing the criterion of death. Ethical and legal principles of transplantation. Liberal and conservative positions on the problem of human organ transplantation. The social significance of transplantation. The threat of commercialization and criminalization. The legislative framework for transplantation in Russia and abroad.</p>		
3	<p>Moral and legal issues of the end of human life The value of life and death in the context of religion, morality, and medicine. Historical approaches to defining death criteria (cardiac and respiratory arrest, brain death; clinical and biological death).</p>	UK-1; UK-5; UK-6; OPK-1	2

	Requirements for a modern death criterion. Definition of euthanasia. Active and passive euthanasia. Key moral aspects of euthanasia. Liberal and conservative positions on euthanasia. Legislative decisions on the issue of euthanasia.		
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5. Clause 2.3. “Thematic plan for practical classes” shall be set out as follows:

	Name of the topics of practical classes	Contents of practical classes	Codes of the developed competencies and indicators of their achievement	Types of control	Labor intensity (watch)
1	Ethics and morality: their essence and functions.	Theoretical section . Ethics, its subject and objectives. The essence and functions of morality. Morality and ethics: the dialectic of interaction. The history of the formation of the basic principles of medical ethics in pediatrics. Practical part. Solving situational problems. Testing Incoming inspection.	UK-1: ID UK-1.1. ID UK-1.3. ID UK-1.4. UK-5: ID UK-5.1. ID UK-5.2. ID UK-5.3. UK-6: ID UK-6.1. ID UK-6.2. OPK-1: ID OPK-1.1. ID OPK-1.2. ID OPK-1.3.	- testing -frontal oral survey - checking the workbook - solving situational problems	1.65 hours
2	Basic ethical categories.	Theoretical section: The dependence of value orientations on the system of social values and interests. Good and evil as basic categories of ethics. A historical and social approach to the formation of concepts of good and evil. Duty as a set of human responsibilities. Aspects of duty (civic, professional, family, comradely, etc.). Conscience as a person's capacity for moral self-	UK-1; UK-5; UK-1: ID UK-1.1. ID UK-1.3. ID UK-1.4. UK-5: ID UK-5.1. ID UK-5.2. ID UK-5.3. UK-6: ID UK-6.1. ID UK-6.2. OPK-1: ID OPK-1.1. ID OPK-1.2. ID OPK-1.3.	testing -frontal oral survey -discussion of abstracts -solving situational tasks	3.3 hours

		assessment and self-control. Justice and its criteria. Issues of justice in modern medicine. Practical part. Solving situational problems. Testing			
3	Bioethics: philosophical and legal aspects.	Theoretical part of the concept of "medical ethics" and "medical deontology", "biomedics" and "bioethics". Reasons for the emergence of bioethics. Axiological and legal aspects of biomedical knowledge. Principles of bioethics, their features in pediatrics. Basic models of doctor-patient relationships within the framework of bioethics.	UK-1: ID UK-1.1. ID UK-1.3. ID UK-1.4. UK-5: ID UK-5.1. ID UK-5.2. ID UK-5.3. UK-6: ID UK-6.1. ID UK-6.2. OPK-1: ID OPK-1.1. ID OPK-1.2. ID OPK-1.3.	- testing -frontal oral questioning with elements of discussion - checking the workbook - solving situational problems	3.3 hours
4	Ethical and legal aspects of medical research.	Theoretical section: History of biomedical experiments on humans. Ethical issues associated with experiments involving human subjects. Legal regulation of biomedical research on humans (Nuremberg Code, WMA Declaration of Helsinki, Council of Europe Convention on Human Rights and Biomedicine). Ethics committees: history of creation and main areas of work.	UK-1: ID UK-1.1. ID UK-1.3. ID UK-1.4. UK-5: ID UK-5.1. ID UK-5.2. ID UK-5.3. UK-6: ID UK-6.1. ID UK-6.2. OPK-1: ID OPK-1.1. ID OPK-1.2. ID OPK-1.3.	-frontal oral survey -discussion of abstracts -solving situational tasks	1.65 hours
5	Moral and legal problems in obstetrics and gynecology.	Theoretical section: Moral and historical approach to abortion. Ethical, legal, and social issues of abortion. Ideological positions on the issue of abortion. Medical ethics and deontology in the aspect of gynecology of children and adolescents. Moral and legal problems of artificial human reproduction. Practical part. Solving situational problems. Testing	UK-1: ID UK-1.1. ID UK-1.3. ID UK-1.4. UK-5: ID UK-5.1. ID UK-5.2. ID UK-5.3. UK-6: ID UK-6.1. ID UK-6.2. OPK-1: ID OPK-1.1.	frontal oral questioning, discussion, -discussion of abstracts -solving situational problems - showing and discussion of an educational	3.3 hours

			ID OPK-1.2. ID OPK-1.3.	film	
6	Ethical issues in genetics.	Theoretical part History of genetic methods and technologies. Ethical and legal analysis of individual branches of medicine: A) medical genetics; B) cloning and eugenics. Ideological positions in the evaluation of gene technologies. Practical part. Solving situational problems. Testing .	UK-1: ID UK-1.1. ID UK-1.3. ID UK-1.4. UK-5: ID UK-5.1. ID UK-5.2. ID UK-5.3. UK-6: ID UK-6.1. ID UK-6.2. OPK-1: ID OPK-1.1. ID OPK-1.2. ID OPK-1.3.	frontal oral questioning, discussion, -discussion of abstracts -solving situational problems - showing and discussion of an educational film	1.65 hours
7	AIDS: ethical issues and human rights.	Theoretical part HIV infection: history of origin and routes of infection. Social (AIDS phobia), medical and moral aspects of AIDS. Moral and legal problems of HIV-infected children. Moral and legal regulation of medical care for people living with HIV and AIDS. Practical part. Solving situational problems. Testing.	UK-1: ID UK-1.1. ID UK-1.3. ID UK-1.4. UK-5: ID UK-5.1. ID UK-5.2. ID UK-5.3. UK-6: ID UK-6.1. ID UK-6.2. OPK-1: ID OPK-1.1. ID OPK-1.2. ID OPK-1.3.	frontal oral questioning, discussion, -discussion of abstracts -solving situational problems - showing and discussion of an educational film	1.65 hours
8	Moral and legal problems of psychiatry.	History of Ethics in Psychiatry. Theoretical Section. Principles of Bioethics in Psychiatry and Models of Psychiatrist-Patient Relationships: Their Legal Guarantees. Abuses in Psychiatry. Moral and legal basis for providing modern psychiatric care. Practical part. Solving situational problems. Testing.	UK-1: ID UK-1.1. ID UK-1.3. ID UK-1.4. UK-5: ID UK-5.1. ID UK-5.2. ID UK-5.3. UK-6: ID UK-6.1. ID UK-6.2. OPK-1: ID OPK-1.1. ID OPK-1.2. ID OPK-1.3.	frontal oral questioning, discussion, -discussion of abstracts -solving situational problems - showing and discussion of an educational film	1.65 hours
9	Moral problems of transplantology.	Theoretical part History of transplantology. Ethical and legal principles of transplantology. Ideological	UK-1: ID UK-1.1. ID UK-1.3. ID UK-1.4.	frontal oral questioning, discussion, -discussion of	1.65 hours

		positions on the problems of donor organ transplantation and alternative methods of replenishing them (creation of artificial organs, xenotransplantation). Legislative framework for transplantology. Practical part. Solving situational problems. Testing	UK-5: ID UK-5.1. ID UK-5.2. ID UK-5.3. UK-6: ID UK-6.1. ID UK-6.2. OPK-1: ID OPK-1.1. ID OPK-1.2. ID OPK-1.3.	abstracts -solving situational problems - showing and discussion of an educational film	
10	Death and dying. Euthanasia.	Theoretical part Life and death as philosophical concepts and value categories. Criteria of death: history and modernity. Euthanasia: moral, legal and social aspects. Hospices: history, philosophy and organizational principles. Practical part. Solving situational problems. Testing	UK-1: ID UK-1.1. ID UK-1.3. ID UK-1.4. UK-5: ID UK-5.1. ID UK-5.2. ID UK-5.3. UK-6: ID UK-6.1. ID UK-6.2. OPK-1: ID OPK-1.1. ID OPK-1.2. ID OPK-1.3.	frontal oral questioning, discussion, -discussion of abstracts -solving situational problems	1.65 hours
12	Credit	Computer testing (100 questions) Frontal survey (20 questions)	UK-1: ID UK-1.1. ID UK-1.3. ID UK-1.4. UK-5: ID UK-5.1. ID UK-5.2. ID UK-5.3. UK-6: ID UK-6.1. ID UK-6.2. OPK-1: ID OPK-1.1. ID OPK-1.2. ID OPK-1.3.	TestingFront al survey on approved questions	1.65 hours

6. In paragraph 2.4. "Interactive forms of training," the table shall be presented as follows:

No. p / p	Topic of the seminar	Labor intensity in hours	Interactive learning	Labor intensity per hour, as a percentage of the lesson
1	Ethics and morality: their essence and functions.	1.65	Reflexive polylogue	28.5 min (25%)
2	Basic ethical categories	3.3	Solving situational problems	114 min. (50%)

3	Bioethics: philosophical and legal aspects.	3.3	Solving situational problems	114 min. (50%)
4	Ethical and legal aspects of medical research.	1.65	Reflexive polylogue	28.5 min. (25%)
5	Moral and legal problems in obstetrics and gynecology.	3.3	Solving situational problems, reflexive Polylogue . Watching and discussing an educational film.	114 min (50%)
6	Ethical issues in genetics.	1.65	Solving situational problems. Watching and discussing an educational film.	28.5 min. (25%)
7	AIDS: ethical issues and human rights.	1.65	Solving situational problems, reflexive Polylogue . Watching and discussing an educational film.	28.5 min. (25%)
8	Moral and legal problems of psychiatry.	1.65	Reflexive polylogue	28.5 min. (25%)
9	Moral problems of transplantology.	1.65	Solving situational problems. Watching and discussing an educational film.	28.5 min. (25%)
10	Death and dying. Euthanasia.	1.65	Solving situational problems, reflexive polylogue	28.5 min. (25%)

7. In paragraph 2.6. “Independent work of students: in-class, out-of-class,” the table shall be presented as follows:

Item No.	Topic of the discipline section	Time for a student to prepare for a lesson	Forms of extracurricular independent work	
			Compulsory and the same for all students	At the student's choice (abstract on topics)
1	Ethics and morality: their essence and functions.	2	Independent preparation of seminar questions; preparation of a public presentation; study of educational literature; search and selection of necessary information on the Internet.	1. Periodization of the development of ethical thought in the history of society. 2. Morality and religion.
2	Basic ethical categories.	4	Independently prepare seminar questions; prepare a public speech; study educational literature; search and select necessary information online. Write an essay on the topic: "Non-resistance to evil by force, or should goodness be achieved with fists?"	1. The problem of good and evil in the philosophy of V. Solovyov 2. Beyond good and evil (F. Nietzsche). 3. Justice: history and types.
3	Bioethics: philosophical and legal aspects.	4	Independent preparation of seminar questions; preparation of a public presentation; study of educational literature; search and selection of	1. Paternalism and autonomy in modern medicine. 2. Issues of equity in

			necessary information on the internet. Completion of the table "Comparative characteristics of medical ethics and bioethics."	health care. 3. The physician's oath: from Hippocrates to the present day. 4. The influence of religion on the development of medicine.
4	Ethical and legal aspects of medical research.	2	Independent preparation of seminar questions; preparation of a public presentation; study of educational literature; search and selection of necessary information on the Internet.	1. History of medical experiments involving humans. 2. The Nuremberg Tribunal and its significance for international law. 3. Tokyo Trial: Tragedy of the Past and Lessons for the Future. 4. The Khabarovsk trial and its role in the conviction of war crimes. 5. Unlearned lessons of history: about modern biolaboratories and experiments on people.
5	Moral and legal problems in obstetrics and gynecology.	4	Independent preparation of seminar questions; preparation of a public presentation; study of educational literature; search and selection of necessary information on the internet. Preparation for a discussion on the topic "Abortion: For or Against?"	1. Moral and legal issues of surrogacy. 2. The problem of the status of the human embryo. 3. Moral and historical approach to abortion. 4. Moral and legal problems of using artificial human reproduction technologies.
6	Ethical issues in genetics.	4	Independent preparation of seminar questions; preparation of a public presentation; study of educational literature; searching and selecting necessary information online. Compilation of a glossary on the topic.	1. Ethical and legal aspects of human cloning. 2. Moral problems of eugenics.
7	AIDS: ethical issues and human rights.	4	Independent preparation of seminar questions; preparation of a public presentation; study of educational literature; search and selection of necessary information on the internet. Development of visual aids for public education on HIV issues.	1. HIV: medical confidentiality and patient rights. 2. AIDS as iatrogenesis. 3. Healthcare worker and HIV-infected person: features of the relationship.

8	Moral and legal problems of psychiatry.	2	Independent preparation of seminar questions; preparation of a public speech; study of educational literature; search and selection of necessary information on the Internet.	1. Alcoholism and drug addiction as a social and moral evil. 2. Types of abuse in psychiatry.
9	Moral issues in transplantology	4	Independent preparation of seminar questions; preparation of a public presentation; study of educational literature; searching and selecting necessary information online. Compilation of a glossary on the topic.	1. Problems of donation: moral legal aspects. 2. Moral aspects of xenotransplantation. 3. Moral and legal problems of cell therapy.
10	Moral and legal issues of the end of human life	4	Independent preparation of seminar questions; preparation of a public presentation; study of educational literature; search and selection of necessary information on the internet. Preparation for a discussion on the topic: "Euthanasia: For or Against?"	1. Hospice as an alternative to euthanasia. 2. Cultural-religious and philosophical moral aspects of human death.
11	Credit	2	Preparation for theoretical issues	
Total labor intensity (in hours)		36 hours		

8. The tables in section 3.5. " Professional databases, information and reference systems, electronic educational resources " shall be presented as follows:

Resource name	Resource Description	Access	Resource address
Electronic library systems			
Student Consultant. Medical University Electronic Library	For students and faculty of medical and pharmaceutical universities. Provides access to electronic versions of textbooks, teaching aids, and periodicals.	Remote access after registration under the university profile	https://www.studentlibrary.ru/
Reference and information system " MedBaseGeotar ".	The MedBaseGeotar reference and information system is designed for practicing medical specialists, researchers, teachers, postgraduate students, residents, senior students, and healthcare managers to quickly search, select, and read the medical literature they need for their work in a single data source.	Remote access after registration under the university profile	https://mbasegeotar.ru/pages/index.html

Electronic Library System "Bookup "	A large medical library is an information and educational platform for the shared use of electronic educational and methodological publications from medical universities in Russia and the CIS countries.	Remote access after registration under the university profile	https://www.books-up.ru/
Electronic Block System "Lan"	Network electronic library of medical universities - an electronic database of educational and scientific works on medical topics, created for the purpose of implementing network forms of professional educational programs, open access to educational materials for partner universities	Remote access after registration under the university profile	https://e.lanbook.com/
Scientific electronic library "CyberLeninka "	CyberLeninka is a scientific electronic library built on the paradigm of open science (Open Science), whose main goals are the popularization of science and scientific activity, public oversight of the quality of scientific publications, the development of interdisciplinary research, a modern institution of scientific review, increasing the citation rate of Russian science, and building a knowledge infrastructure. It contains over 2.3 million scientific articles.	free access	https://cyberleninka.ru/
Human Biology Knowledge Base	Reference information on <u>physiology</u> , <u>cell biology</u> , <u>genetics</u> , <u>biochemistry</u> , <u>immunology</u> , <u>pathology</u> . (Resource of the Institute of Molecular Genetics of the Russian Academy of Sciences.)	free access	http://humbio.ru/
State Register of Medicines	The State Register of Medicines website contains information about medications: indications, contraindications, mechanism of action, side effects, dosages, and methods of administration.	free access	https://grls.rosminzdrav.ru/GRLS.aspx
Information systems			
Clinical Guidelines	A resource of the Russian Ministry of Health that contains clinical guidelines developed and approved by medical	Link to download the	https://cr.minzdrav.gov.ru/#/

Index	professional non-profit organizations of the Russian Federation, as well as methodological manuals, nomenclatures, and other reference materials.	applicati on	
Federal Electronic Medical Library (FEMB)	The Federal Electronic Medical Library is part of the unified state information system in the field of healthcare as a reference system . The FEMB was created on the basis of the funds of the Central Scientific Medical Library named after I.M. Sechenov.	free access	https://femb.ru/
Russian State Library (RSL)	Collection size: approximately 3 million titles Period covered: from the 11th century to the present The Russian State Library's Electronic Library is a collection of electronic copies of valuable and frequently requested publications from the Russian State Library's collections, from external sources, as well as documents originally created in electronic form.	Registrat ion on the website	https://www.rsl.ru/
Russian Medical Association	A professional online resource . Purpose: to promote effective professional activity among medical personnel. Contains the charter, personnel, structure, membership rules, and information about the Russian Medical Union.	free access	http://www.rmass.ru/
Web medicine	The website provides a directory of professional medical resources, including links to the most authoritative specialized websites, journals, societies, as well as useful documents and programs. It is intended for physicians, students, and staff of medical universities and research institutions.	free access	http://webmed.irkutsk.ru/
Databases			
World Health Organization	The site contains news, statistics on countries that are members of the World Health Organization, fact sheets,	free access	http://www.who.int/ru/

	reports, WHO publications, and much more.		
Ministry of Science and Higher Education of the Russian Federation	The website of the Ministry of Science and Higher Education of the Russian Federation contains news, newsletters, reports, publications, and much more.	free access	http://www.minobrnauki.gov.ru
Ministry of Education of the Russian Federation	The website of the Ministry of Education of the Russian Federation contains news, newsletters, reports, publications, and much more.	free access	https://edu.gov.ru/
Polpred.com	Electronic library system Business media. Media review	free access	https://polpred.com/news
Bibliographic databases			
Database "Russian Medicine"	Created at the Central Scientific and Methodological Library, it covers the entire collection since 1988. The database contains bibliographic descriptions of articles from Russian journals and collections, dissertations and their abstracts, as well as Russian and foreign books, institute proceedings, conference materials, etc. Thematically, the database covers all areas of medicine and related fields of biology, biophysics, biochemistry, psychology, etc.	free access	https://rucml.ru/
PubMed	A text database of medical and biological publications in English. PubMed is an electronic search engine with free access to 30 million publications from 4,800 indexed medical journals. The database contains articles published from 1960 to the present, including information from MEDLINE, PreMEDLINE, and NLM. Each year, the portal is updated with more than 500,000 new papers.	free access	https://pubmed.ncbi.nlm.nih.gov/
eLIBRARY.RU	A Russian information portal in science, technology, medicine, and education, containing abstracts and full texts of over 13 million scientific	Full functionality of the site is	http://elibrary.ru/defaultx.asp

	articles and publications. The eLIBRARY.RU platform offers electronic versions of over 2,000 Russian scientific and technical journals, including over 1,000 open-access journals.	available after registration.	
Electronic library of dissertations (RSL)	Currently, the Electronic Library of Dissertations of the Russian State Library contains more than 919,000 full texts of dissertations and abstracts.	free access	http://diss.rsl.ru/?menu=disscatalog/
Medline .r u	Medical and biological portal for specialists. Biomedical journal.	free access	https://journal.scbmt.ru/jour/index
Official Internet portal of legal information	The single official state information and legal resource in Russia	free access	http://pravo.gov.ru/

9. Update the table in section 3.6. “ Licensed and freely distributed software used in the educational process” and set out as follows:

List of software (commercial software products)

No. p / p	List of software (commercial software products)	Details of supporting documents
1.	MS operating system Windows 7 Pro	License number 48381779
2.	MS operating system Windows 10 Pro	CONTRACT No. UT-368 from September 21, 2021
3 .	MS Office	License numbers: 43234783, 67810502, 67580703, 64399692, 62795141, 61350919
4.	Kaspersky Endpoint Security for Business - Standard Russian Edition . 50-99 Node 1-year Educational Renewal License	Agreement No. 7 AA dated 02/07/2025
5.	1C Accounting and 1C Salary	LICENSE AGREEMENT 612/L dated 02.02.2022 (additional licenses)
6.	1C: PROF University	LICENSE AGREEMENT No. KrTsB-004537 dated December 19, 2023
7.	1C: PROF Library	LICENSE AGREEMENT No. 2281 dated November 11, 2020
8.	Consultant Plus	Contract No. 41AA dated December 27, 2024
9.	Contour .Tolk	Agreement No. K213753/24 dated August 13, 2024
10.	3KL e-learning environment (Russian Moodle)	Agreement No. 1362.5 dated November 20, 2024
11.	Astra Linux Common Edition	Agreement No. 142 A dated September 21, 2021
12.	Information system "Plans"	Agreement No. 2873-24 dated June 28, 2024

13.	1C: Document Management	Agreement No. 2191 dated 10/15/2020
14.	R7-Office	Agreement No. 2 KS dated 12/18/2020
15.	License for the "ROSA CHROME OS Workstation"	Agreement No. 88A dated 08/22/2024
16.	Alt Virtualization Server 10 (for secondary and higher vocational education)	Agreement No. 14AK dated September 27, 2024
17.	Dr.Web Desktop Security Suite Comprehensive Protection + Control Center for 12 months.	Agreement No. 8 dated October 21, 2024
18.	Software "Schedule for educational institutions"	Agreement No. 82A dated July 30, 2024

List of freely distributed software

No . p / p	List of freely distributed software	Links to the license agreement
1.	Yandex Browser	Freely distributed License Agreement for the Use of Yandex Browser Software https://yandex.ru/legal/browser_agreement/
2.	Yandex.Telemost	Freely distributed License Agreement for the Use of Software https://yandex.ru/legal/telemost_mobile_agreement/
3.	Dr.Web CureIt !	Freely distributed License Agreement: https://st.drweb.com/static/new-www/files/license_CureIt_ru.pdf
4.	OpenOffice	Freely distributed License: http://www.gnu.org/copyleft/lesser.html
5.	LibreOffice	Freely distributed License: https://ru.libreoffice.org/about-us/license/
6.	VK Calls	Freely distributed https://vk.com/licence
7.	Kaspersky Free Antivirus	Freely distributed https://products.s.kaspersky-labs.com/homeuser/Kaspersky4Win2021/21.16.6.467/english-0.207.0/3830343439337c44454c7c4e554c4c/kis_eula_en-in.txt