



Educational Institution
"Royal Metropolitan University"

Quality Management System
Syllabus of the discipline "Medical Bioethics"
Specialty 560001 "General Medicine" EI "RMU"

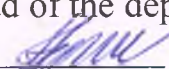
Educational Institution "Royal Metropolitan University"
Department "Morphological and Fundamental disciplines"

SYLLABUS
in the discipline "Medical Bioethics"
for students of specialty 560001 "General Medicine"

Form of study	full-time
Course	1
Semester	2
Exam	2
Total credits according to the curriculum	2
Total hours according to the curriculum	60
Lectures	18
Practical classes	18
Independent work	24

Syllabus developer:
Niazova B.N.

Reviewed and approved at a meeting of the
department of "Morphological and
Fundamental disciplines"
Protocol No. 1 from "9" September 2024.
Head of the department PhD Jalilova A.A.


(signature)

Bishkek 2024



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SYLLABUS

1. General information

№		
1	Teacher:	Niiazova Begaim Nurbekovna
2	Phone number	+996554058576
3	E-mail	niiazovabegaiym@gmail.com
4	Speciality	"General medicine" – Medical doctor
5	Department	Morphological and Fundamental Disciplines
6	Academic year	2024-2025
7	Semester	2
8	Classroom	413/414
9	Discipline	«MedBioethics »
10	Credits	8

2. The Description of Discipline


1.	The description of discipline	Medical Bioethics is a branch of applied ethics that examines ethical issues in medical and scientific activities, as well as the rules and norms governing interactions between physicians, colleagues, and patients. The development of biomedical ethics was driven by revolutionary achievements in advanced biomedical technologies, the concept of "brain death" in neurology and resuscitation, groundbreaking discoveries in transplantology, psychopharmacology, in vitro fertilization and embryo transfer, molecular biology, medical genetics, and more. These developments highlight the importance of studying the discipline "Medical Bioethics," which enables medical students to engage with the fundamentals of modern bioethical knowledge in relation to their future professional activities. The study of bioethics helps students adhere to key moral, ethical, and professional standards in their future careers, clinical research, and scientific endeavors, ultimately improving the quality of medical care and fostering effective communication between physicians, colleagues, and patients.
2.	The goal of discipline	The goal of the discipline "Medical Bioethics" is to equip students with knowledge in the field of bioethics and management for making informed decisions in professional practice and research in accordance with bioethical principles. - To familiarize students with models, principles, and rules of biomedical ethics.



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		<ul style="list-style-type: none"> - To teach students how to apply bioethical principles in their professional field and find solutions that align with bioethical standards. - To educate students on the basics of management, taking into account moral and legal norms accepted by society, and ensure compliance with laws and regulations when handling confidential information, while organizing the work of junior and mid-level medical staff efficiently. - To teach students how to identify risk factors for diseases typical for their country, and understand modern methods for their prevention, diagnosis, and treatment.
3	Prerequisites\ Postrequisites	<p>The discipline "Medical Bioethics" is studied by students specializing in "General Medicine" (for foreign citizens) and is part of the professional cycle of clinical disciplines as per state educational standards. The content of the discipline "Medical Bioethics" is based on previous courses such as "Medical Biology." In turn, the knowledge gained from "Medical Bioethics" will be essential for further study in disciplines like "Medical Law," "General and Medical Psychology," "Biosafety and Biosecurity in Medicine," "Public Health," "Epidemiology," "General Hygiene," "Forensic Medicine," "Anesthesiology, Intensive Care, Emergency Conditions," "Pediatrics," "Family Medicine," "Propedeutics of Internal Diseases," "Psychiatry and Narcology," "Faculty Surgery," among others.</p>
4	Results studying disciplines'	<p>Upon completing the course, students will:</p> <ul style="list-style-type: none"> - Know the basic principles and rules of biomedical ethics. - Understand the bioethical principles involved in scientific research. - Be familiar with key ethical terms and concepts. - Understand moral and ethical standards in professional relationships. - Be aware of the rights and moral obligations of physicians and the rights of patients. <p>Students will be able to:</p> <ul style="list-style-type: none"> - Use management methods, organize the work of performers, and make responsible managerial decisions within their professional competence, following bioethical principles. - Conduct activities in accordance with moral and legal norms accepted by society, comply with laws and regulations related to handling confidential information, and take social and ethical responsibility for decisions made.

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		<ul style="list-style-type: none"> - Organize the work of mid-level and junior medical staff efficiently. - Identify risk factors for diseases typical for the country of residence, and understand modern methods of their prevention, diagnosis, and treatment. - Build and maintain professional relationships with patients, stakeholders, and other team members. - Master the skills of informing patients and their relatives in accordance with the requirements of "informed consent." - Apply knowledge, skills, and abilities gained from the course in their professional practice.
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3. Name and volume of discipline

Course	Semester	Weeks -	Total academic hours		Number of hours for independent work		Total hours	Number of modules
			Lecture	Practical classes	SIW	SIWT		
1	2	18	18	18	12	12	60	2

4. Thematic plan of 2nd semester, modules, hours, weeks, dates

Plan of the discipline	Lecture/ practice classes	Topic	Date	Hours
1,2 weeks	Lecture	Theoretical Foundations of Biomedical Ethics	02.09.24 07.09.24	2
	Practice class	Theoretical Foundations of Biomedical Ethics		2
3-4 weeks	Lecture	Principles and Rules of Biomedical Ethics. Hippocratic Oath.	09.09.24 – 14.09.24	2
	Practice class	Principles and Rules of Biomedical Ethics. Hippocratic Oath.		2
5-6 weeks	Lecture	Medical Ethics and Deontology. Rights and Moral Obligations of Physicians in Professional Practice.	16.09.24 – 21.09.24	2

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	Practice class	Medical Ethics and Deontology. Rights and Moral Obligations of Physicians in Professional Practice.		2
7-8 weeks	Lecture	Bioethical Issues in Public Health	23.09.24-	2
	Practice class	Bioethical Issues in Public Health	28.09.24	2
9-10 weeks	Lecture	Bioethical Foundations of Conducting Scientific Research	30.09.24-5.10.24	2
	Practice class	Bioethical Foundations of Conducting Scientific Research	30.09.24-5.10.24	2
11-12 weeks	Lecture	Bioethical Aspects of Organ and Tissue Transplantation	07.10.24 – 12.10.24	2
	Practice class	Bioethical Aspects of Organ and Tissue Transplantation	07.10.24 – 12.10.24	2
13-14 weeks	Lecture	Death and Dying. Euthanasia: Ethical and Legal Issues	14.10.24-19.10.24	2
	Practice class	Death and Dying. Euthanasia: Ethical and Legal Issues		2
15-16 weeks	Lecture	Bioethical Issues of Medical Interventions in Human Reproduction.	14.10.24-19.10.24	2
	Practice class	Bioethical Issues of Medical Interventions in Human Reproduction		2
17-18 weeks	Lecture	Ethical Problems in Psychiatry and Addiction Treatment	21.10.24-26.10.24	2
	Practice class	Ethical Problems in Psychiatry and Addiction Treatment		2

5. Schedule of consultation

Semester	Group	Day	Time	Classroom
3	GM-1-6	Friday	10-00 -11-30	413
4	GM -1	Thursday	10-00 -11-30	413

6. Detention schedule

Semester	Group	Day	Time	Classroom
	GM-1-3	Thursday	10-00 -11-30	413

7. Literature



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1. Bioethics for Scientists Edited by John Bryant, Linda Baggott la Velle and John Searle. Copyright © 2002 John Wiley & Sons Ltd ISBNs: 0-471-49532-8 (Hardback); 0-470-84659-3 (Electronic)
2. Beauchamp, Tom; Childress, James (2001), Principles of Biomedical Ethics, Oxford, New York: Oxford University Press, ISBN 0-19-514332-9
3. Bioethics core curriculum section 2: study materials ethics education programme, UNESCO, 2011
4. C. M. Francis, Medical Ethics, 2nd Edition, New Delhi, 2004
5. Campbell, D. Gillett, G. Jones. Medical Ethics, Oxford University Press; 4th edition.

A list of additional literature:

6. Bioethics for Scientists Edited by John Bryant, Linda Baggott la Velle and John Searle. Copyright © 2002 John Wiley & Sons Ltd ISBNs: 0-471-49532-8 (Hardback); 0-470-84659-3 (Electronic)
7. Beauchamp, Tom; Childress, James (2001), Principles of Biomedical Ethics, Oxford, New York: Oxford University Press, ISBN 0-19-514332-9
8. Bioethics core curriculum section 2: study materials ethics education programme, UNESCO, 2011
9. C. M. Francis, Medical Ethics, 2nd Edition, New Delhi, 2004
10. Campbell, D. Gillett, G. Jones. Medical Ethics, Oxford University Press; 4th edition.

8. Monitoring and evaluation of learning outcomes

Grading Criteria	Module 1	Module 2
Classroom Work (participation in discussions, oral questioning, working with the glossary, attendance, etc.)	40 points	40 points
SIW (Self-Independent Work: paper, presentation)	20 points	20 points
Total for Module (testing)	40 points	40 points
Total for Discipline	100 points	

Scales of correspondence between grades and scores for final exam	
Scores	Valuation
0- 59	«unsatisfactory»
60 – 74	«satisfactory»
75 – 89	«good»



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90 – 100

«excellent»

9. Academic discipline policy (Student code ethics):

- Mandatory class attendance.
- Activity on lessons, home task preparing
- Qualified SSW.
- Presence and availability on modules

Additional requirements:

a/ one lateness to the class or leaving it before the end is counted as one missed lesson, and must be reworked;

b/ unacceptable the use of cellphones during classes, late submissions of assignments, not to comply rules of conduct

Help: For consultation on SSW, for additional information on lectures and practice classes topics please, contact the teacher during hours allocated for reworks and consultation