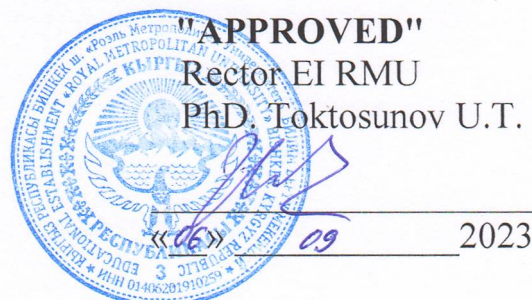


Ministry of Education and Science of the Kyrgyz Republic
Educational institution
"Roel Metropolitan University"
Department of Natural and Humanitarian Disciplines



**EDUCATIONAL AND METHODOLOGICAL
COMPLEX OF THE DISCIPLINE**

"MEDBIOPHYSICS"

basic educational program
in the specialty **General Medicine (for foreign citizens)**

graduate qualification: **specialist (doctor)**

Bishkek 2023

Content

1. Work program of academic discipline	5
1.1. Explanatory note	5
1.2. Recommended educational technologies	8
1.3. Volume of discipline and types of educational work	8
1.4. Structure of discipline	9
1.4.1. Thematic plan for studying the discipline (by semesters	9
1.4.2. Organization of independent work of students	11
1.4.3. Evaluative Learning Tools	12
1.4.4. Course policy and assessment criteria	12
1.4.5. Educational, methodological and information support of the discipline	14
1.4.6. Logistics of discipline	14
1.4.7. Student research work	14
2. Teaching materials thirty	15
2.1. Lecture summary	15
2.2. Development of practical / seminar / laboratory sessions	21
3. Methodological recommendations / instructions for students	27
3.1. Methodical recommendations for students on the study of the discipline	27
3.2. Methodological recommendations for performing independent work	28
3.3. Methodical recommendations for the implementation of practical classes	28
3.4. Guidelines for the implementation of abstracts, reports, essays, etc.	29
3.5. Guidelines for preparing for the final certification	30
3.6. Methodological recommendations on student's research work	31
4. Glossary	33
5. Reference materials and applications	61

Ministry of Education and Science of the Kyrgyz Republic
Educational institution
"Royal Metropolitan University"
Department of Natural and Humanitarian Disciplines



"APPROVE"

Rector EI RMU

PhD. Toktosunov U.T.

2023

WORKING PROGRAM OF THE DISCIPLINE
"Medbiophysics"

basic educational program
in specialty **560001 General Medicine (5 years)**

graduate qualification: specialist (doctor)

Full-time education

Well	1
Semester	2
Exam (semester)	2
Total credits for the curriculum	2
Total hours according to the curriculum	60

Developer of the working program:
Ph.D. Saparalieva A.N.

Reviewed and approved at the department
meeting DNHD

Protocol No. 1 from " 06 " 09 2023

Head of Department Subanov M.

(Full name)

(signature)

Bishkek 2023

The work program for the discipline "Medical Biophysics" was developed in accordance with the requirements of the State Educational Standard of Higher Professional Education in the specialty 560001 General Medicine.

The work program has been agreed with the educational and methodological department of the RMU EMD,

Head of EMD Sofaliova E.Y.
(Full name)

[Signature]
(Signature)

« 06 » 09 2023

The work program has been agreed upon with the head of the main educational program in the direction/specialty "General Medicine"

Head of the PEP Isakov N.S.
(Full name)

[Signature]
(Signature)

« 06 » 09 2023

External review was given by PhD, Associate Professor of the ISM
G. M. Amanbaeva.

" 06 " September 2023 (review attached)