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Federal State Budget Educational Institution
of Higher Education
Pacific State Medical University
of the Ministry of Health of the Russian Federation

APPROVED BY
First Vice-Rector

_____ / Trankovskaya L.V./
"9" июня 2025

DISCIPLINE WORK PROGRAM

Б1.В.ДВ.02.02 Medical parasitology

(name of discipline)

Specialty	**31.05.01 General Medicine for international students (in English)** (code, name)
Degree	Specialist's degree
Profile	02 "Healthcare" (in the field of providing primary health care to the population in medical organizations: polyclinics, outpatient clinics, inpatient/outpatient facilities of the municipal health care system)
Mode of study	Full-time
Period of mastering the BEP	**6 years** (nominal length of study)
Department	of Epidemiology and Military Epidemiology

Vladivostok, 2025

Program of the discipline **Б1.В.ДВ.02.02 Medical parasitology** is based on:
1) Federal State Educational Standard of Higher Education for the specialty approved by the Order No. 988 of Ministry of Science and Higher Education of the Russian Federation dated August 12, 2020.
2) Changes that are made to the Federal State Educational Standard of Higher Education by the order of Ministry of Science and Higher Education of the Russian Federation No. 208, dated February 27, 2023.
3) Curriculum for the 31.05.01 General Medicine for international students (in English), profile 02 "Healthcare" (in the field of providing primary health care to the population in medical organizations: polyclinics, outpatient clinics, inpatient/outpatient facilities of the municipal health care system), approved by the Academic Council of FSBEI HE PSMU of the Ministry of Health of Russia, Report No. 8/24-25 dated March 31, 2025.

Work program for the discipline was developed by the writing team of the Department of Epidemiology and Military Epidemiology of the FSBEI HE PSMU of the Ministry of Health of Russia, under the guidance of the head of the department Candidate of Medical Sciences, Associate professor Skurikhina Yu.E.

Developed by:

Head of the Department	Candidate of Medical Sciences, Associate professor	Skurikhina Yu.E.
(position held)	(academic degree, academic title)	(full name)
Assistant professor	-	Dzyuba G.T.
(position held)	(academic degree, academic title)	(full name)

1. GENERAL PROVISIONS

1.1. Purpose and Objectives of Mastering Б1.В.ДВ.02.02 Medical parasitology

The purpose of mastering the discipline is acquiring theoretical knowledge of the epidemiology of parasitic diseases in humans and the principles of implementing primary anti-epidemic (preventive) measures.

Objectives of mastering the discipline:

1. Acquire knowledge of basic concepts and modern concepts of the epidemiology of parasitic diseases, their social and biological determinacy;
2. Acquire knowledge of the general patterns of occurrence and spread of parasitic diseases among the population, the causes, conditions and mechanisms of their development in the human population;
3. Acquire knowledge of the basic principles of organizing and implementing primary preventive and anti-epidemic measures in the foci of parasitic diseases.

2. DISCIPLINE AS PART OF THE BASIC EDUCATIONAL PROGRAM

Discipline **Б1.В.ДВ.02.02 Medical parasitology** is included in the Part developed by the parties of educational process of the basic educational program for the specialty 31.05.01 General Medicine for international students (in English), profile 02 "Healthcare" (in the field of providing primary health care to the population in medical organizations: polyclinics, outpatient clinics, inpatient/outpatient facilities of the municipal health care system), and is part of the 3rd semester's curriculum.

3. PLANNED LEARNING OUTCOMES OF THE DISCIPLINE

3.1. Mastering the discipline **Б1.В.ДВ.02.02 Medical parasitology** is aimed at the development of students' competencies. The discipline facilitates the development of students' competencies corresponding to the types of professional activity.

Name of competency category (group) / Labor function	**Code and Name of competency of the graduate**	**Competency Indicators**
Professional Competencies		
A/02.7 Examination of the patient in order to make a diagnosis	PC-4 Ability and readiness to identify main pathological conditions, syndromes, symptoms of diseases, specific diseases of a patient in accordance with International Statistical Classification of Diseases and Related Health Problems	CI.PC-4_1- diagnoses syndromes and makes preliminary diagnoses based on the results of a physical examination in noninfectious and infectious diseases of internal organs; CI.PC-4_2- conducts differential diagnosis of noninfectious and infectious diseases of internal organs, assesses the prognosis, formulates the need for additional counseling by doctors of different specialties; CI.PC-4_3- makes the final diagnosis and formats it in accordance with the ICD

3.2. Types of professional activity corresponding to competencies developed over the course of mastering **Б1.В.ДВ.02.02 Medical parasitology**:

Types of professional activity objectives

1. *Medical*

Kinds of professional activity objectives

1. *Diagnostics*

2. *Disease prevention*
3. *Administrative work*

3.3. Planned learning outcomes of mastering the discipline are represented by knowledge, skills, abilities and/or experience, characterize the stages of developing competencies and ensure achievement of the planned outcomes of mastering the basic educational program. Learning outcomes of a discipline are correlated with competency indicators.

4. SCOPE AND CONTENT OF THE DISCIPLINE

4.1. Scope of the Discipline and Types of Academic Work

Type of Academic Work		**Total Hours**	**Semesters**
			3
			hours
1		2	3
Classroom hours (total), including:		**46**	**46**
Lectures (L)		14	14
Practical classes (C)		32	32
Independent work of the student (IW), including:		**26**	**26**
Preparing for classes (CP)		10	10
Preparing for continuous assessment (CAP)		10	10
Preparation for interim assessment (IAP)		6	6
Interim assessment			
Type of interim assessment	pass/fail test (T)	T	T
	exam (E)		
TOTAL: TOTAL credit value	hrs.	**72**	**72**
	credits	**2**	**2**

4.2. Contents of the Discipline

4.2.1. Topics of Discipline Lectures and Academic Hours per Semester

No.	**Lecture Topic**	**Hours**
1	2	3
	Semester No. 3	
1.	Fundamentals of general and ecological parasitology. Parasitism. Characteristics of parasitic systems. Paths and methods of parasites' influence on the host organism	2
2.	Epidemiology and prevention of the main geohelminthiases of humans	2
3.	Epidemiology and prevention of the main biohelminthiases of humans	2
4.	Protozoan vector-borne invasions	2
5.	Epidemiology and prevention of trematode infections. Trematode infections of the Far East	2
6.	Toxoplasmosis. Epidemiology and prevention	2
7.	Malaria. Modern epidemiological features. Organization of epidemiological surveillance	2
	Hours per semester total	**14**

4.2.2. Topics of Discipline Practical Classes and Academic Hours per Semester

No.	Practical Class Topic	Hours
1	2	3
	Semester No. 3	
1	Protozoal invasions	2
2	Protozoal invasions. Epidemiology and prevention of amebiasis, giardiasis, balantidiasis	2
3	Protozoal invasions. Epidemiology and prevention of cryptosporidiosis, toxoplasmosis	2
4	Malaria. Etiology, laboratory diagnostics	2
5	Malaria. Pathogenesis, mechanism of infection	2
6	Formation of foci of malaria in different climatic and geographical zones	2
7	Naturally occurring parasitic diseases. Formation of foci	2
8	Epidemiology and prevention of echinococcosis, alveococcosis	2
9	Epidemiology and prevention of leishmaniasis, babesiosis	2
10	Helminthiases transmitted through meat and meat products. Taeniasis	2
11	Trichinellosis. Epidemiology and prevention	2
12	Taeniarhynchosis, cysticercosis. Epidemiology and prevention	2
13	Helminthiases transmitted through fish, crustaceans, mollusks, amphibians, reptiles	2
14	Epidemiology and prevention of diphyllobothriasis, anisacidosis	2
15	Epidemiology and prevention of opisthorchiasis, clonorchiasis, metagonimiasis, nanophyetiasis, pseudomphistomiasis	2
16	Epidemiology and prevention of geohelminthiases. Formation of foci of ascariasis and trichuriasis, ancylostomiasis. Types of foci. Sanitary and helminthological supervision of environmental objects	2
Hours per semester total		**32**

4.2.3. Independent Work of the Student

No.	Name of the Discipline Section	Type of IW	Total Hours
1	3	4	5
	Semester No. 3		
1	Fundamentals of general and ecological parasitology	Preparing for classes; preparing for tests	3
2	Epidemiology and prevention of the main helminthiases of humans	Preparing for classes; preparing for tests	23
Hours per semester total			**26**

5. REQUIREMENTS FOR IMPLEMENTATION OF DISCIPLINE

5.1. Discipline Requirements for Educational Materials and Provided Information

Essential reading

No.	Name/Title, Resource Type	Author(s)/Editor	Publisher Imprint, Web Address	Number of Copies (accesses) in the Library and Information

				Center
1	**2**	**3**	**4**	**5**
1	Parasitology [Электронный ресурс]	T. V. Viktorova, S. M. Izmailova, G. F. Koritina [et al.]	Уфа : БГМУ, 2020. - 146 с. - ЭБС «Букап»	Unlimited access

Supplementary reading

No.	Name/Title, Resource Type	Author(s)/Editor	Publisher Imprint, Web Address	Number of Copies (accesses) in the Library and Information Center
1	**2**	**3**	**4**	**5**
1	Practical book on Biology: for foreign citizens of preparatory division	И. А. Логишинец, В. Я. Бекиш, В. В. Зорина.	Витебск : ВГМУ, 2017. - 123 с. - ЭБС «Букап»	Unlimited access

Online resources

1. Electronic library system "Student Consultant" http://studmedlib.ru/
2. Electronic library system "University Library Online"http://www.biblioclub.ru/
3. Electronic library system "Urait" https://urait.ru/
4. Electronic library system "BookUp" https://www.books-up.ru/
5. Resources owned by the Library and Information Center of FSBEI HE PSMU of the Ministry of Health of Russia https://tgmu.ru/university/bibliotechno-informacionnyj-centr/resursy-bic/sobstvennye/

Online resources and respective user guides are available on the Library and Information Center website Library and Information Center — PSMU (tgmu.ru)

5.2. Discipline Requirements for Facilities and Resources

Information on the facility and resource availability and requirements of the discipline is available on the Facility and resource availability and requirements. FSBEI HE PSMU of the Ministry of Health of Russia (tgmu.ru)" page of the official website of the university.

5.3. List of Information Technologies, Information and Reference Systems, Licensed and Free Software (Including Domestically-developed Software):

1. Polycom Telepresence M100 Desktop Conferencing Application (videoconferencing session)
2. 7-PDF Split & Merge
3. ABBYY FineReader

4. Kaspersky Endpoint Security
5. Microsoft Windows 7
6. Microsoft Office Pro Plus 2013
7. MOODLE (modular object-oriented dynamic learning environment)
8. "Dialogue NIBELUNG" digital language laboratory software
9. Adobe Creative Cloud (Photoshop, Illustrator, InDesign, Acrobat Pro и т.д.)
10. ISpring Suite 9

6. ASPECTS OF THE IMPLEMENTATION OF THE DISCIPLINE FOR STUDENTS WITH DISABILITIES AND SPECIAL NEEDS

6.1. Availability of Accessible Environment

For students with disabilities and special needs, if a written application is submitted, lectures and practical classes are carried out taking into account health limitations, individual capabilities and medical status (hereinafter referred to as individual characteristics) of the student. Compliance with the following general requirements is ensured: teaching aids for collective and individual use are provided, required technical assistance is provided by an assistant; buildings and premises where lectures and practical classes are taking place meet accessibility requirements, other arrangements lack of which makes it impossible or difficult to master the discipline are made.

6.2. Ensuring Compliance with General Requirements

When lectures and practical classes are carried out at the written application of the student, the following general requirements are met: lectures and practical classes for students with disabilities and special needs take place at the same location as for students who do not have disabilities, if this does not cause difficulties for students; an assistant (assistants), who provide(s) students with the necessary technical assistance taking into account individual characteristics of the student, is (are) provided; necessary teaching aids are provided, taking into account individual characteristics of the student.

6.3. Availability of the Internal Policies and Procedures of FSBEI HE PSMU of the Ministry of Health of Russia to Students with Disabilities in a Format Accessible to Them.

All internal policies and procedures of FSBEI HE PSMU of the Ministry of Health of Russia concerning the discipline are made available to students with disabilities in a format accessible to them.

6.4. Increase in the Time Limit of Interim Assessment for Students with Disabilities and Special Needs in Relation to the Established duration

Format of the interim assessment of academic performance within the scope of the discipline conducted for students with disabilities and special needs is selected taking into account individual characteristics of the students (orally, by writing on paper, by typing on a computer, as a test, etc.). The duration of the interim assessment in relation to the established duration is increased at the written application of the student with disabilities. Time limit for the student's preparation for the test is increased by at least 0.5 hours.

7. STAFFING REQUIREMENTS OF THE DISCIPLINE

Academic teaching personnel that ensure the implementation of the discipline education process meet the requirements of the Federal State Educational Standard of Higher Education for the 31.05.01 General Medicine for international students (in English) specialty; list of the aforementioned personnel is available on the website of the educational organization.



8. TUTORIAL WORK

Type of tutorial work	Forms and approaches to tutorial work	Assessment criteria
Assistance in personal growth	Overt Talks and problem-centric debates aimed at promotion of healthy lifestyle. Participation in interdepartmental conferences aimed at formation of healthy lifestyle and development of skills necessary to preserve and improve health.	Portfolio
	Covert – creating atmosphere and infrastructure. Developing a culture of healthy lifestyle, the ability to preserve and improve health. Creating atmosphere of kindness and respect with a high level of communication during implementation of the discipline.	
Civic position and values	Overt Conducting events that facilitate development of civil culture (roundtable discussions, discussions/debates, and talks). Short discussions on current significant events in case the latter occur.	Portfolio
	Covert Focusing on civic values-oriented position and legal awareness. Cultivating mindful social position during professional activity.	
Social values	Overt Highlighting aspects of organization of healthy lifestyle based on health-preserving technologies. Highlighting ecology-related questions, environmental issues as a factor affecting population health and select population risks.	Portfolio
	Covert Identification in social structure during period of education and in professional activity.	