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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.О.20 Infectious diseases, phthisiology

(name of discipline)

Specialty	**31.05.03 Dentistry for international students (in English)** (code, name)
Degree	Specialist's degree
Profile	02 "Healthcare" (in the field of providing health care in patients with dental pathology)
Mode of study	Full-time
Period of mastering the BEP	**5 years** (nominal length of study)
Department	of Infectious Diseases

Vladivostok, 2025

Program of the discipline **Б1.О.20 Infectious diseases, phthisiology** is based on:
1) Federal State Educational Standard of Higher Education for the specialty approved by the Order No. 984 of Ministry of Science and Higher Education of the Russian Federation dated August 12, 2020.

2) Curriculum for the 31.05.03 Dentistry for international students (in English), profile 02 "Healthcare" (in the field of providing health care in patients with dental pathology), 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 Infectious Diseases of the FSBEI HE PSMU of the Ministry of Health of Russia, under the guidance of the head of the department, Doctor of Medical Sciences, Associate Professor Simakova A.I.

Developed by:

Head of Department	Doctor of Medical Sciences	Simakova A.I.
(position held)	(academic degree, academic title)	(full name)
Assistant Professor	Candidate of Medical Sciences	Kirichenko A.I.
(position held)	(academic degree, academic title)	(full name)

1. GENERAL PROVISIONS

1.1. Purpose and Objectives of Mastering Б1.О.20 Infectious diseases, phthisiology

The purpose of mastering the discipline is obtaining knowledge of the etiology, epidemiology and pathogenesis of infectious diseases, clinical manifestations of infections, as well as the principles of diagnosis, treatment and prevention of infectious diseases.

Objectives of mastering the discipline:

1. Acquiring knowledge on etiology, epidemiology, pathogenesis, clinical manifestation, diagnosis, and treatment of infectious diseases;
2. Mastering the most important patient interview and physical examination methods that allow timely diagnosis of an infectious disease;
3. Learning to recognize risk factors and clinical signs of infectious diseases when examining a patient, when determining the severity of the pathological process;
4. Developing the ability to determine the leading clinical and epidemiological signs, symptoms, and syndromes of infectious diseases;
5. Leaning to select optimal methods for laboratory and instrumental examination in major infectious diseases and create a differential diagnosis algorithm;
6. Learning to implement the full scope of treatment, rehabilitation, and preventive measures for patients with various forms of infectious diseases;
7. Examining the principles of organization and operation of healthcare facilities providing care to patients with infectious pathology;
8. Developing skills of working with scientific literature and official statistical reviews;
9. Developing skills of communication with patients with infectious pathology taking into account ethics, deontology, the identified pathology, and the patient's character traits;
10. Develop skills in communication and interaction with the team.

2. DISCIPLINE AS PART OF THE BASIC EDUCATIONAL PROGRAM

Discipline **Б1.О.20 Infectious diseases, phthisiology** is included in the mandatory part of the basic educational program for the specialty 31.05.03 Dentistry for international students (in English) and is part of the 10th semester curriculum.

3. PLANNED LEARNING OUTCOMES OF THE DISCIPLINE

3.1. Mastering the discipline **Б1.О.20 Infectious diseases, phthisiology** 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)	Code and Name of competency of the graduate	Competency Indicators
General Professional Competencies		
Diagnosis and treatment of diseases	GPC-5. Is able to perform a patient examination in order to make a diagnosis when working to achieve objectives of professional activity	CI.GPC-5_1- performs medical examination of a patient using basic and general clinical skills, laboratory tests and diagnostic procedures CI.GPC-5_2- preemptively assesses the somatic state of all organs and systems in order to determine presence or absence of contraindications for complex and reconstructive dental procedures CI.GPC-5_3- evaluates medical examination results in order to make a diagnosis

	GPC-6. Is able to prescribe, monitor the efficacy and safety of non-pharmacological and pharmacological treatment when working to achieve objectives of professional activity	CI.GPC-6_1- prescribes pharmacological treatment, selects dosage of medications and treatment regimens, as well as non-pharmacological procedures in accordance with existing guidelines with no outside help CI.GPC-6_2- monitors the efficacy of treatment, adjusts the treatment regimen if necessary; uses medications in different pharmaceutical form taking into account aspects of dental treatment CI.GPC-6_3- considers contraindications when prescribing treatment and identifies adverse drug reaction
	GPC-7. Is able to organize work and make professional decisions in emergency situations, during epidemics, and in areas affected by weapons of mass destruction	CI.GPC-7_1- participates in the organization of work in emergency situations, during epidemics, and in areas affected by weapons of mass destruction CI.GPC-7_2- makes professional decisions when organizing work in emergency situations, during epidemics, and in areas affected by weapons of mass destruction CI.GPC-7_3- monitors the efficacy of measures taken in emergency situations, during epidemics, and in areas affected by weapons of mass destruction

3.2. Types of professional activity corresponding to competencies developed over the course of mastering **Б1.О.20 Infectious diseases, phthisiology**:

Types of professional activity objectives

- *Medical*

Kinds of professional activity objectives

1. *Examination of the patient in order to make a diagnosis*
2. *Prescribing pharmacological and non-pharmacological treatment and monitoring its efficiency and safety*
3. *Implementation of anti-epidemic and other measures of public health protection as well as monitoring their effectiveness*

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**
		10
		hours
1	2	3
Classroom hours (total), including:	**72**	**72**
Lectures (L)	20	20
Practical classes (C)	52	52
Independent work of the student (IW), including:	**36**	**36**
Preparing for classes (CP)	15	15

Preparing for continuous assessment (CAP)		15	15
Preparation for interim assessment (IAP)		6	6
Type of interim assessment	pass/fail test (T)	**T**	**T**
	exam (E)		
TOTAL: TOTAL credit value	hrs.	**108**	**108**
	credits	**3**	**3**

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. 10	
1.	General pathology of infectious diseases	2
2.	Intestinal infections: Salmonellosis. Dysentery. Cholera	2
3.	Viral infections: Viral hepatitis with a parenteral route of infection	2
4.	ARVI	2
5.	Influenza. Coronavirus infection	2
6.	HIV infection	2
7.	Quarantinable (particularly dangerous) infections. Anthrax. Plague. Tularemia	2
8.	Herpesvirus infection	2
9.	Sepsis	2
10.	Etiology of tuberculosis. Pathogenesis of tuberculosis. Clinical manifestation, diagnosis of tuberculosis	2
	Hours per semester total	**20**

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

No.	Practical Class Topic	Hours
1	2	3
	Semester No. 10	
1	General pathology of infectious diseases	6
2	Acute intestinal infections. Clinical and laboratory diagnosis of infectious diseases with diarrhea syndrome	7
3	Viral hepatitis with a parenteral route of infection. Clinical and laboratory diagnosis of infectious diseases with jaundice syndrome	7
4	Airborne infections. Clinical and laboratory diagnostics of acute respiratory viral infections and bacterial infections affecting the respiratory system	7
5	HIV infection. Clinical and laboratory diagnostics, prevention, and perinatal prevention of HIV infection	7
6	Herpesvirus infection. Parotitis infection. Clinical and laboratory diagnostics	6
7	Sepsis	6
8	Etiology of tuberculosis. Pathogenesis of tuberculosis. Clinical manifestation, diagnosis of tuberculosis	6
	Hours per semester total	**52**

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. 10		
1	Intestinal infections	Preparing a written report on select topics; preparing for continuous assessment	8
2	Viral infections	Preparing a written report on select topics; preparing for continuous assessment; analyzing results of additional examination methods	10
3	Airborne infections	Preparing a written report on select topics; preparing for continuous assessment; analyzing results of additional examination methods	10
4	Quarantinable (particularly dangerous) infections	Preparing a written report on select topics; preparing for continuous assessment	8
	Hours per semester total		**36**

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	Infections associated with medical care. Epidemiology and prevention textbook Pacific State Medical University	V. B. Turkutyukov, G. T. Dzyuba, Yu. E. Skurikhina, and A. P. Prushinsky;	Medicine of the Far East, 2021.	68
2	Infectious Diseases: National Guidelines	Edited by N.D. Yushchuk and Yu.Ya. Vengerov	URL: http://www.studentlibrary.ru/	Unlimited access
3	Bacterial diseases: a textbook	Edited by N.D. Yushchuk	URL: http://www.studentlibrary.ru	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	Acute intestinal infections	V.A. Nevzorova,	URL: https://lib.rucont.ru	Unlimited

		S.A. Petukhova, S.A. Sokotun, and others.		access
2	Food toxic infections. Food poisoning [Electronic resource]	Edited by N.D. Yushchuk	URL: http:/studentlibrary.ru	Unlimited access
3	Laboratory diagnostics of viral infections according to Lennet.	in order. V. B. Beloborodova, A. N. Lukasheva and Yu. N. Khomyakova; under order. K. Jerome.	URL: https://www.studentlibrary.ru/	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. PolycomTelepresence M100 Desktop Conferencing Application (Videoconference system)
2. SunRav Software tTester
3. 7-PDF Split & Merge
4. ABBYYFineReader
5. Kaspersky Endpoint Security
6. INDIGO online testing system
7. Microsoft Windows 7
8. Microsoft Office Pro Plus 2013
9. 1C:University
10. GARANT system
11. MOODLE (Modular Object-Oriented Dynamic Learning Environment)

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 31.05.03 Dentistry 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 Discipline Б1.О.20 Infectious diseases, phthisiology 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. Discipline Б1.О.20 Infectious diseases, phthisiology 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 Б1.О.20 Infectious diseases, phthisiology 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 Б1.О.20 Infectious diseases, phthisiology Cultivating mindful social position during professional activity.	
Social values	Overt Б1.О.20 Infectious diseases, phthisiology 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 Б1.О.20 Infectious diseases, phthisiology Identification in social structure during period of education and in professional activity.	