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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.17 Public health and public healthcare, healthcare economics

(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 Public Health and Public Healthcare

Vladivostok, 2025

Program of the discipline **Б1.О.17 Public health and public healthcare, healthcare economics** 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 Public Health and Public Healthcare 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 Kuznetsov V.V.

Developed by:

Assistant professor	Candidate of Medical Sciences	Sherstneva E.P.
(position held)	(academic degree, academic title)	(full name)
Senior lecturer		Karashchuk E.V.
(position held)	(academic degree, academic title)	(full name)

1. GENERAL PROVISIONS

1.1. Purpose and Objectives of Mastering Б1.О.17 Public health and public healthcare, healthcare economics

The purpose of mastering the discipline is acquiring knowledge and gaining skills in the field of public health and public healthcare, systems that ensure improvement and restoration of overall public health and health of select homogenous population groups, organizational technologies and management processes in healthcare, development tendencies in healthcare.

Objectives of mastering the discipline:

1. Develop skills of studying and analysing indices characterizing health of various age-sex, social, professional, and other population groups;
2. Acquire knowledge of theoretical basis of public healthcare, legal basis of healthcare and medical activities;
3. Learn about principles of organization and work of healthcare facilities;
4. Develop basic skills of temporary and permanent disability evaluation.

2. DISCIPLINE AS PART OF THE BASIC EDUCATIONAL PROGRAM

Discipline **Б1.О.17 Public health and public healthcare, healthcare economics** is included in the mandatory part of the Unit 1 of the basic educational program for the specialty 31.05.03 Dentistry for international students (in English), profile 02 "Healthcare" (in the field of providing health care in patients with dental pathology), and is part of the 6th semester's curriculum.

3. PLANNED LEARNING OUTCOMES OF THE DISCIPLINE

3.1. Mastering the discipline **Б1.О.17 Public health and public healthcare, healthcare economics** 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**
Universal Competencies		
Systemic and critical thinking	UC-1. Is able to analyze of problems critically using system approach and devise a plan of action	CI.UC-1_1- looks for and investigates problem situations that arise during professional activity CI.UC-1_2- selects sources of information for critical analysis of problem situations that arise during professional activity CI.UC-1_3- develops and substantively argues a plan of action for solving problem situations using systemic and interdisciplinary approaches
General Professional Competencies		
Organization and management	GPC-11. Is able to implement the principles of quality management in the professional activity	CI.GPC-11_1- has a grasp of the quality management system CI.GPC-11_2- employs basic principles of quality assurance when working to achieve objectives of professional activity CI.GPC-11_3- evaluates the results of own professional activity
Professional Competencies		

A/06.7. Management, administrative work	PC-6 Ability and readiness to participate in dental care quality assessment using basic medical and statistical indicators	CI.PC-6$_1$- has a grasp of the basic principles of temporary disability examination; CI.PC-6$_2$- demonstrates skills of filling out and quality control of medical records and other medical paperwork; CI.PC-6$_3$- plans own work and reports on it as established, provides medical and statistical indicators

3.2. Types of professional activity corresponding to competencies developed over the course of mastering **Б1.О.17 Public health and public healthcare, healthcare economics**:

Types of professional activity objectives

1. *Medical*
2. *Managerial and administrative*

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**
			6
			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)		12	12
Preparing for continuous assessment (CAP)		6	6
Preparation for interim assessment (IAP)		8	8
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. 6	

1.	Public health and public healthcare as an academic discipline. Indices that characterize public health. Dental health and factors that determine it	2
2.	Organization of medical aid to adult and child patients with dental pathology	2
3.	Organization of preventive measures in modern setting. Forms and methods of prevention of dental pathology	2
4.	Analysis of activities of dental facilities, dentists' performance indicators	2
5.	Quality of medical aid. Types of quality control and safety monitoring in healthcare	2
6.	Legal basis of public healthcare. Legislation on public health protection	2
7.	Modern management and marketing technologies in healthcare	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. 6	
1	Theoretical basics of Public health and public healthcare. Medical statistics in sociomedical studies. Organization (stages) of a statistical study	4
2	Basics of medical statistics. Methods of processing statistical data	4
3	Public health and factors that determine it. Medical demography, its indices, and analysis of the indices. Dental health, its indices	2
4	Incidence, disability, physical development, methods of examining them	2
5	Organization of public healthcare, primary medical care, organization of dental outpatient care	4
6	Organization of inpatient medical aid and emergency medical care	4
7	Public healthcare in the Russian Federation. Principles of health protection. Role of a dentist in public healthcare. Social and health insurance	4
8	Analysis of activities of dental facilities, dentists' performance indicators	4
9	Quality of medical aid. Types of quality control and safety monitoring in healthcare	4
	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. 6		
1	Organization (stages) of a statistical study	Preparing for practical classes, preparing a program and a plan of a study	4
		Preparing for continuous assessment Working with tests and case studies	2
2	Public healthcare policies. Conceptual and legal aspects	Preparing for practical classes, examining legislative basis	4
		Preparing for continuous assessment Working with tests and case studies	2
3	Organization of public healthcare: primary medical care, modern forms of medical care organization. Organization of inpatient medical aid and emergency	Preparing for practical classes, examining legislative basis, preparing reports and slides presentations	4

	medical care. Organization of medical and preventive care in working and rural population	Preparing for continuous assessment Working with tests and case studies	2
4	Preparing for interim assessment	Examining tests for interim assessment Working with tests	8
	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	Public Health and Healthcare: Textbook [Electronic resource]	Medic V.A., 4th ed., revised	M: GEOTAR-Media, 2022. - 672 p. URL: http://www.studentlibrary.ru	Unlimited access
2	Public Health and Healthcare: Textbook [Electronic resource]	Yu. G. Ellansky and others.	M.: GEOTAR-Media, 2022. - 624 p. URL: http://www.studentlibrary.ru/	Unlimited access
3	Mathematical Statistics in Medicine in 2 volumes. Volumes 1 and 2 : a textbook for universities	V. A. Medic, M. S. Tokmachev. — 2nd ed., revised. and additional	Moscow: Yurait Publishing House, 2021. — 471 p. — URL: https://urait.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	Healthcare and Public Health: Textbook [Electronic resource]	edited by G. N. Tsarik.	M.: GEOTAR-Media, 2021. - 912 p. URL: http://www.studentlibrary.ru	Unlimited access
2	Fundamentals of Marketing of Medical Services: A Textbook [Electronic Resource]	N. G. Petrova, N. I. Vishnyakov, S. A. Balokhina, L. A. Teptina. – 2nd ed. (el.).	M.: MEDpress-inform, 2016. – 112 p. URL: http://books-up.ru/	Unlimited access
3	Minimum legal requirements for a medical worker (doctor) [Electronic resource]	M.Yu. Starchikov -	M.: GEOTAR-Media, 2017: URL: http://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

Tutorial work for the discipline is carried out in accordance with the Tutorial work program and Tutorial work schedule of the basic educational program for the 31.05.03 Dentistry for international students (in English) specialty.