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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

Head of the Department
of Public Health and Public Healthcare
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"10th" of April 2025

SUBJECT GUIDE FOR TEACHERS AND STUDENTS FOR

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

Subject guide for teachers and students for **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.

Subject guide for teachers and students 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.

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1. GENERAL PROVISIONS

Subject guide for **Б1.О.17 Public health and public healthcare, healthcare economics** is a set of recommendations and explanations that facilitate to optimal organization of mastering this discipline.

Regular analysis of lecture materials and work with end-of-the-text questions are necessary for better understanding of the material and systematization of knowledge of **Б1.О.17 Public health and public healthcare, healthcare economics**. Particular attention should be paid to emerging questions, confusing terms, and conflicts of points of view during the independent review of the lecture material. If necessary, a student should contact the teacher for advice. Lecture material streamlines students' thinking, while practical classes provide deeper insight into the material of the discipline.

Special attention should be paid to the content of the main provisions and conclusions, explanation of phenomena and facts, and clarification of the practical application of theoretic aspects of topic when preparing for a practical class. During this process students should aim to understand and remember the main provisions of the material under consideration, examples provided, as well as understand the illustrative material.

Collections of assessment tools are used to organize independent study of topics of the discipline.

Independent work of students is facilitated by the following:

1. availability and accessibility of the necessary educational and reference material;
2. a system of regular quality control of completed independent work;
3. availability of teacher's advice.

Subject guides for self-study are presented as literary sources. Subject guides for independent work of students include a list of library resources of the educational institution and other materials accessible to students.

Independent work is a type of in-person extracurricular work of teachers and students of **Б1.О.17 Public health and public healthcare, healthcare economics**. Control of independent work is conducted by the leading teacher. Evaluation of independent work results is taken into account when conducting interim examination of students throughout the **Б1.О.17 Public health and public healthcare, healthcare economics** course.

Continuous assessment during the **Б1.О.17 Public health and public healthcare, healthcare economics** course is implemented in order to check indicators of achieving competencies, to stimulate students' academic work, and improve methods of mastering new knowledge. Continuous assessment during the **Б1.О.17 Public health and public healthcare, healthcare economics** course is conducted during the semester to assess all types and sections of the academic discipline that encompass the competencies developed by the discipline: classroom questioning, discussions, working with tests, and preparing reports. Continuous assessment of students' knowledge and results of their preparation for practical classes is conducted during every class session.

Interim assessment aims to determine the level of mastery of competency indicators. It is conducted in the test format after the student has mastered all sections of **Б1.О.17 Public health and public healthcare, healthcare economics** and takes into account learning outcomes for all types of student work over the entire period of mastering the **Б1.О.17 Public health and public healthcare, healthcare economics** course.

Time allotted for interim assessment is indicated in the schedule.

Assignments given during practical classes, as well as assignments aimed to prepare students for continuous and interim assessment, are included in the collection of assessment tools for **Б1.О.17 Public health and public healthcare, healthcare economics**. If necessary, students should contact the teacher for advice. It is necessary to thoroughly think over questions that need clarification before seeking teacher's advice.

2. SUBJECT GUIDES FOR LECTURE CLASSES

Table 1. Subject Guides for **Б1.О.17 Public health and public healthcare, healthcare economics** Lectures

Topic No.1 Public health and public healthcare as an academic discipline. Indices that characterize public health. Dental health and factors that determine it	
Duration of the lecture (in academic hours):	2
Purpose of the lecture: 1. tell students about public health and healthcare as a scientific discipline and subject of teaching; issues related to the role of discipline in training personnel for healthcare, the main problems of public health, and health policy; 2. define key terms: public health indicators and their characteristics; 3. examine the factors that determine dental health, consider the characteristics of dental health indicators.	
Lecture plan, order of presentation of its sections: - The purpose and objectives of the discipline - Methods and methodology of studying the discipline - Policy in the field of public health protection - Public health indicators, their characteristics and analysis - Main sources of information and organization of data collection characterizing public health - Indicators of dental health and factors determining it.	
Recommended reading: 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 2. Public health and healthcare : textbook [Electronic resource] Yu. G. Ellansky et al. M.: GEOTAR-Media, 2022. - 624 p. URL: http://www.studentlibrary.ru/ 3. Mathematical Statistics in Medicine in 2 volumes. Volume 1: a textbook for universities. V. A. Medik, M. S. Tokmachev . — 2nd ed., revised and enlarged. Moscow : URAIT Publishing House , 2021. — 471 p. — URL: https://urait.ru/	
Topic No.4 Analysis of activities of dental facilities, dentists' performance indicators	
Duration of the lecture (in academic hours):	2
Purpose of the lecture: 1. tell students about issues regarding the importance of analyzing the activities of medical organizations (MO), the algorithm for conducting an analysis of MO activities, and the indicators characterizing the quality and effectiveness of MO activities; 2. define key terms: "capacity of a medical organization", the function of a medical position, and areas of inefficiency in the activities of medical organizations; 3. examine the methods of studying the activities of medical organizations: statistical, analytical, and expert assessment methods.	
Lecture plan, order of presentation of its sections: - Accounting and reporting documentation of medical organizations providing dental care - Methods of analysis and evaluation of the activities of medical institutions providing dental care - Quality criteria and performance evaluation of medical institutions providing dental care	

- The importance of analyzing the activities of medical organizations for making management decisions.
Recommended reading: 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 2. Public health and healthcare : textbook [Electronic resource] Yu. G. Ellansky et al. M.: GEOTAR-Media, 2022. - 624 p. URL: http://www.studentlibrary.ru/ 3. Mathematical Statistics in Medicine in 2 volumes. Volume 1: a textbook for universities. V. A. Medik, M. S. Tokmachev . — 2nd ed., revised and enlarged. Moscow : URAIT Publishing House , 2021. — 471 p. — URL: https://urait.ru/

3. SUBJECT GUIDES FOR PRACTICAL CLASSES

Table 2. Subject Guides for Practical **Б1.О.17 Public health and public healthcare, healthcare economics** Classes

Topic No.4 Incidence, disability, physical development, methods of examining them	
Duration of the practical class (in academic hours):	2
Purpose of the practical class: 1. consolidate acquired knowledge about calculating indicators of morbidity, disability and physical development of the population, on the application of methods of analysis and assessment of health indicators; 2. thoroughly go over the main patterns of incidence, disability and physical development of the population in the Russian Federation and the Primorsky Krai; 3. during the discussion outline the definitions and concepts of primary and general incidence, methods of studying incidence, disability, and physical development; 4. study the patterns of incidence, disability and physical development in different age periods and by sexes; 5. develop skills of studying and analyzing indicators characterizing the health status of various age-gender, social, professional and other groups of the population, the formation of competencies that will ensure the achievement of the planned results of mastering the basic educational program.	
Practical classes requirements: classrooms equipped with multimedia equipment, blackboards, and subject guides for the discipline.	
Independent work of the student: Writing a library-research papers. Presentations on the topic of the lesson. Working with study materials	
Methods of evaluation of acquired knowledge and skills: classroom questioning, tests, discussion of the reports	
Recommended reading: 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 2. Public health and healthcare : textbook [Electronic resource] Yu. G. Ellansky et al. M.: GEOTAR-Media, 2022. - 624 p. URL: http://www.studentlibrary.ru/ 3. Mathematical Statistics in Medicine in 2 volumes. Volume 1: a textbook for universities. V. A. Medik, M. S. Tokmachev . — 2nd ed., revised and enlarged. Moscow : URAIT Publishing House , 2021. — 471 p. — URL: https://urait.ru/	
Topic No.8 Analysis of activities of dental facilities, dentists' performance indicators	

Duration of the practical class (in academic hours):	2
Purpose of the practical class: 1. consolidate acquired knowledge about methodological approaches to analyzing the activities of medical organizations; 2. during the discussion outline the indicators characterizing the quality and efficiency of medical organizations providing dental care; 3. thoroughly go over key performance indicators of dental professionals; 4. study the patterns of activity of a medical organization in modern conditions; 5. develop competencies that will ensure the achievement of the planned results of mastering the basic educational program.	
Practical classes requirements: classrooms equipped with multimedia equipment, blackboards, and subject guides for the discipline.	
Independent work of the student: Writing a library-research papers. Presentations on the topic of the lesson. Working with study materials	
Methods of evaluation of acquired knowledge and skills: classroom questioning, tests, discussion of the reports	
Recommended reading: 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 2. Public health and healthcare : textbook [Electronic resource] Yu. G. Ellansky et al. M.: GEOTAR-Media, 2022. - 624 p. URL: http://www.studentlibrary.ru/ 3. Mathematical Statistics in Medicine in 2 volumes. Volume 1: a textbook for universities. V. A. Medik, M. S. Tokmachev . — 2nd ed., revised and enlarged. Moscow : URAIT Publishing House , 2021. — 471 p. — URL: https://urait.ru/	

4. GUIDELINES FOR CONTINOUS AND INTERIM ASSESSMENT

Table 3. Guidelines for Conducting Continuous and Interim Assessment during the **Б1.О.17 Public health and public healthcare, healthcare economics** Course

Type of assessment	Assessment format
Continuous assessment	- conducting and evaluating oral or written quizzes during lectures and practical classes; - assessment and evaluation of completion and results of assignments given during practical classes; - assess and evaluate completion and results of individual assignments and exam tasks given during practical classes.
Interim certification	is conducted in test format; it allows to assess the development of students' competencies correlating with types of professional activity.

5 ASPECTS OF THE IMPLEMENTATION OF THE COURSE FOR STUDENTS WITH DISABILITIES AND SPECIAL NEEDS

5.1. 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.

5.2. 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.

5.3. Availability of the internal policies and procedures of FSBEI HE PSMU of the Ministry of Health of Russia to students with disabilities in a form 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 form accessible to them.

5.4. Increase in the duration of interim assessment of 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 for students with disabilities and special needs is selected taking into account individual characteristics (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

6. 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.

