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ФИО: Стегний Кирилл Владимирович
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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

_____ / Kuznetsov V.V./
"10th" of April 2025

SUBJECT GUIDE FOR TEACHERS AND STUDENTS FOR

Б1.О.19 Public health and public healthcare, healthcare economics

(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 Public Health and Public Healthcare

Vladivostok, 2025

Subject guide for teachers and students for **Б1.О.19 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. 988 of Ministry of Science and Higher Education of the Russian Federation dated August 12, 2020.

2) 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.

Subject guide for teachers and students for **Б1.О.19 Public health and public healthcare, healthcare economics** 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	Zayko A.A.
(position held)	(academic degree, academic title)	(full name)
Senior lecturer	-	Karashchuk E.V.
(position held)	(academic degree, academic title)	(full name)
Senior lecturer	-	Kachaeva T.M.
(position held)	(academic degree, academic title)	(full name)

1. GENERAL PROVISIONS

Subject guide for **Б1.О.19 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.19 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 **Б1.О.19 Public health and public healthcare, healthcare economics**.

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.19 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 **Б1.О.23 Neurology** course.

Continuous assessment during **Б1.О.19 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 **Б1.О.19 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, working with tests, 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 exam format after the student has mastered all sections of **Б1.О.19 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 **Б1.О.19 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.19 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.19 Public health and public healthcare, healthcare economics** Lectures

Topic No.1 Public health and healthcare as a scientific discipline and academic subject. Public health, methods and subject of examination. Public healthcare policies. Conceptual and legal aspects of public health protection	
Duration of the lecture (in academic hours):	2
Purpose of the lecture: 1. tell students about the public health and healthcare as a scientific discipline and academic subject; 2. define health, health protection, quality of life, medical care, medical service, and medical intervention; 3. examine the organization of medical and social research and methods of statistical analysis.	
Lecture plan, order of presentation of its sections: - Public health and healthcare as a scientific discipline and academic subject - Methodology for studying public health and the functioning of the healthcare system - Legal basis for health protection, its regulation at the level of international and state legislation. Law and Health. The System of Legislative Acts Regulating Legal Relations in the Field of Healthcare. Legal Regulation of Relations in the Field of Healthcare, Federal Law No. 323 of November 21, 2011 - Principles of public health protection, their characteristics - Strategy for the development of healthcare in the Russian Federation until 2025	
Recommended reading 1. Medic V. A. Public health and healthcare: textbook [Electronic resource] 4th ed., revised. - M .: GEOTAR-Media, 2022. - 672 p. URL: http://www.studentlibrary.ru 2. Healthcare and public health: textbook (electronic resource) edited by Tsarik G.N. - M.: GEOTAR - Media, 2021. - 912 p.	
Topic No.2 Public health and factors that determine it. Medical demography. Medical and social aspects of demographic processes	
Duration of the lecture (in academic hours):	2
Purpose of the lecture: 1. tell students about the role of the healthcare system in the formation of human capital and the well-being of the population; 2. define public health and public health indicators; 3. examine the methodology of studying public health; 4. analyze main trends in medical and demographic processes.	
Lecture plan, order of presentation of its sections: - Public health: basic concepts. Social determinacy of public health and the factors that determine it - Population health indicators (demographic, morbidity, disability, physical development) - Methodology for studying public health and the functioning of the healthcare system - Medical and demographic indicators, their medical and social significance - Methodology for calculating and analyzing medical and demographic indicators - Main sources of information and organization of data collection on demographic processes	
Recommended reading	

1. Medic V. A. Public health and healthcare: textbook [Electronic resource] 4th ed., revised. - M .: GEOTAR-Media, 2022. - 672 p. URL: http://www.studentlibrary.ru 2. Healthcare and public health: textbook (electronic resource) edited by Tsarik G.N. - M.: GEOTAR - Media, 2021. - 912 p.

3. SUBJECT GUIDES FOR PRACTICAL CLASSES

Table 2. Subject Guides for Practical **Б1.О.19 Public health and public healthcare, healthcare economics** Classes

Topic No.1 Theoretical foundations of public health and public healthcare. Application of medical statistics in medical and social research. Organization (stages) of statistic research	
Duration of the practical class (in academic hours):	4
Purpose of the practical class: 1. consolidate acquired knowledge on the theoretical foundations of public health and healthcare; 2. during the discussion, outline the main statistical methods for processing the results of medical and biological research; 3. thoroughly go over definitions and concepts of medical statistics, the unit of observation, the general and sample population; 4. examine patterns of studying public health and healthcare; 5. develop skills in organizing medical and social research.	
Practical classes requirements: classrooms equipped with multimedia equipment, blackboards, subject guides for the discipline.	
Independent work of the student: writing a library-research paper and preparing a slides presentation on the topic of the lecture, working with study materials.	
Methods of evaluation of acquired knowledge and skills: review of reports, discussions, classroom questioning, tests, case studies.	
Recommended reading 1. Medic V. A. Public health and healthcare: textbook [Electronic resource] 4th ed., revised. - M .: GEOTAR-Media, 2022. - 672 p. URL: http://www.studentlibrary.ru 2. Healthcare and public health: textbook (electronic resource) edited by Tsarik G.N. - M.: GEOTAR - Media, 2021. - 912 p.	
Topic No.2 Statistical methods of analyzing results of socio-medical studies	
Duration of the practical class (in academic hours):	4
Purpose of the practical class: 1. consolidate acquired knowledge on the organization of statistical research; 2. during the discussion, outline the main methods of processing the results of medical and social research; 3. thoroughly go over definitions and concepts of absolute and relative statistical indicators, average values and criteria for the diversity of the variation series, reliability, and representativeness; 4. develop skills in calculating relative values and average values; 5. conduct an assessment of the reliability of the research results.	
Practical classes requirements: classrooms equipped with multimedia equipment, blackboards, subject guides for the discipline.	

Independent work of the student: writing a library-research paper and preparing a slides presentation on the topic of the lecture, working with study materials.
Methods of evaluation of acquired knowledge and skills: review of reports, discussions, classroom questioning, tests, case studies.
Recommended reading 1. Medic V. A. Public health and healthcare: textbook [Electronic resource] 4th ed., revised. - M .: GEOTAR-Media, 2022. - 672 p. URL: http://www.studentlibrary.ru 2. Healthcare and public health: textbook (electronic resource) edited by Tsarik G.N. - M.: GEOTAR - Media, 2021. - 912 p.

4. GUIDELINES FOR CONTINOUS AND INTERIM ASSESSMENT

Table 3. Guidelines for Conducting Continuous and Interim Assessment during **Б1.О.19 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; - assessment and evaluation of completion and results of individual assignments and exam tasks given during practical classes; - assessment and evaluation of lecture notes quality.
Interim certification	is conducted in exam 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 **31.05.01 General Medicine for international students (in English)** specialty; list of the aforementioned personnel is available on the website of the educational organization.