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

SUBJECT GUIDE FOR TEACHERS AND STUDENTS FOR

Б2.О.04(У) Research activity (Developing basic research skills)

(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 **Б2.О.04(У) Research activity (Developing basic research skills)** 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 **Б2.О.04(У) Research activity (Developing basic research skills)** 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 **Б2.О.04(У) Research activity (Developing basic research skills)** is a set of recommendations and explanations that facilitate to optimal organization of mastering this practical training.

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 **Б2.О.04(У) Research activity (Developing basic research skills)**.

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 **Б2.О.04(У) Research activity (Developing basic research skills)**. 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 **Б2.О.04(У) Research activity (Developing basic research skills)** course.

Continuous assessment during **Б2.О.04(У) Research activity (Developing basic research skills)** 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 **Б2.О.04(У) Research activity (Developing basic research skills)**course is conducted during the semester to assess all types and sections of the practical training that encompass the competencies developed by the discipline. 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 graded test format after the student has mastered all sections of **Б2.О.04(У) Research activity (Developing basic research skills)** and takes into account learning outcomes for all types of student work over the entire period of mastering **Б2.О.04(У) Research activity (Developing basic research skills)**course.

Time allotted for interim assessment is indicated in the schedule.

Assignments given during practical training, as well as assignments aimed to prepare students for continuous and interim assessment, are included in the collection of assessment tools for **Б2.О.04(У) Research activity (Developing basic research skills)**. 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 SECTIONS OF THE PRACTICAL TRAINING

Table 1. Subject Guides for **Б2.О.04(У) Research activity (Developing basic research skills)**

Section No.1 Preparing a plan and program of the research activity	
Duration of the section (in academic hours):	18
Purpose: 1. learn to analyze the results of one's activities not only at the individual level, but also at the group and population levels; 2. become familiar with research methods, the most important of which is the statistical method; 3. learn to organize a statistical study of both the health of the population and the activities of healthcare institutions.	
Section plan: - Definition of a statistical population, its structure - Types of statistical population; requirements for the sample population - Methods of selecting a sample population - Definition of the observation unit, classification of its accounting characteristics - Definition of the purpose and objectives of the study - Drawing up a research program - Drawing up a research plan - Stages of statistical research, their content	
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.	
Section No.2 Organizing and conducting the collection of necessary data	
Duration of the section (in academic hours):	18
Purpose: 1. learn to collect material in accordance with a previously prepared research program and plan.	
Section plan: - The process of registration, filling out officially existing or specially developed accounting documents (coupons, cards, questionnaires, forms, etc.) - Grouping of features with the aim of identifying homogeneous groups for studying certain patterns of the phenomenon under study - Typological grouping - Variational grouping - Contents of the 2nd stage of statistical research	
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. GUIDELINES FOR CONTINOUS AND INTERIM ASSESSMENT

Table 2. Guidelines for Conducting Continuous and Interim Assessment during **Б2.О.04(У) Research activity (Developing basic research skills)**

Type of assessment	Assessment format
Continuous assessment	- checking and evaluating the implementation of sections of research work.
Interim certification	is conducted in graded test format; it allows to assess the development of students' competencies correlating with types of professional activity.

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

4.1. 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.

4.2. 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.

4.3. 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.

4.4. 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

5. 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.