

**Thematic plan of SEMINARS
in the discipline «Public Health and Healthcare»
for 2024 year entering students
of the educational program of the specialist degree
in the specialty 31.05.01 GENERAL MEDICINE,
direction (profile) GENERAL MEDICINE,
form of study full-time,
2026-2027 academic year**

№	Thematic blocks	Hours (academic)
6th semester		
1.	The organization of health care and public health in activity of medical organizations. Fundamentals of medical statistics. Methods of assessment of public health. Public health assessment methods, organization and stages of statistical research, statistical tables.	4
2.	Absolute and relative values, time series, data visualization. Rules for calculating and applying relative values. Control of knowledge and skills on the topic "Fundamentals of Medical Statistics".	4
3.	Variational statistics. The use of average values for assessing the health of the population. Computer tasks solving.	4
4.	Calculation and analysis of coefficients of descriptive statistics. Trait variability and representativeness error. Solution of situational tasks. Methods for testing statistical hypotheses. Assessment of the reliability of differences in mean and relative values, Student's t-test.	4
5.	Standardization method. Search for relationships between features. Solving situational tasks. Control of knowledge, skills and abilities in module unit 1 "Theoretical foundations of the discipline. Public health and healthcare" and module unit 2 "Fundamentals of medical statistics and organization of statistical research". Computer test control.	4
6.	Medical demographics, its main sections and indicators. Population census, population movement indicators. Control of knowledge and skills in the section "Medical demography" of the modular unit "Public health and the factors that determine it". Solving tests.	4
7.	Population health assessment of morbidity and disability data. Study methods and statistical incidence rates. International Classification of Diseases. Study methods and statistical rates of morbidity. Solution of situational tasks.	4
8.	Disability. Disability as a population health characteristic. Key disability indicators. Solution of situational tasks. Control of knowledge, skills, skills in the modular unit " Morbidity and Disability ". Solving tests.	4
9.	Healthy lifestyle (hereinafter referred to as HLS), health risk factors. State policy for the formation of a healthy lifestyle in the Russian Federation 2 Healthy lifestyle, the role of the family in the formation of a healthy lifestyle. Social support for families in the Russian Federation 2	4
10.	Healthy lifestyle and physical education. Basic provisions of the Federal Laws of Russia "On Physical Education and Sports in the Russian Federation" and on the All-Russian Anti-Doping Rules.	4

	Healthy lifestyle, the role of a doctor in the formation of a healthy lifestyle. Control of knowledge, skills, abilities on the topic "Healthy lifestyle", "Family and health".	
11.	Medical ethics and deontology. Ethical and moral aspects of the activities of medical workers.	4
	Ethical norms and rules in the activities of a doctor. Formation and application of ethical norms and rules in professional medical activity.	
12.	Control of knowledge and skills in modular units "Theoretical foundations of the discipline Public health and health care," "Fundamentals of medical statistics and organization of statistical research" and "Public health and factors that determine it". Solving tasks.	4
	Total in 6th semester	48
7th semester		
1.	Modern technologies and approaches to the organization of primary health care for the population. Federal Law "On the Fundamentals of Health Protection of Citizens of the Russian Federation". Nomenclature of medical organizations, types, forms and conditions for the provision of medical care.	6
	Organization of medical care for women. Medical organizations providing medical care to women. Prenatal clinic, maternity hospital.	
	Organization of medical care for children. Features of medical care for children. Children's clinic and hospital.	
2.	Organization of outpatient care. Features of the organizing the work of a therapist.	6
	Annual documents and key indicators in the work of the city polyclinic. Solving tasks.	
	Preventive work of the district therapist. Organization of medical prevention, health education. Control of knowledge, skills, abilities in the modular unit "Organization of outpatient medical care".	
3.	Organization of inpatient medical care. Structure and organization of work of medical organizations providing inpatient medical care.	6
	Annual documents of the city hospital. Statistical indicators and analysis of inpatient work.	
	Key indicators in the work of the city hospital. Solving tasks.	
4.	Social and health insurance in Russia. Compulsory health insurance in the Russian Federation.	6
	Interaction of subjects and participants of compulsory health insurance. The organization of medical care in compulsory health insurance system.	
	Control of knowledge and skills in modular units "Health insurance". Solving tasks.	
5.	Ensuring the quality and safety of medical care. Medical standards and clinical guidelines. Standardization in healthcare.	6
	Organization of expert examination of the quality of medical care in medical organizations. Quality assessment of medical care. Non-departmental expertise of the quality of medical care".	
	Control of knowledge and skills in the modular unit "Organization of medical care" and "Medical expertise". Computer test control.	
6.	Digital transformation of healthcare. Information Systems in Healthcare, Automated Workplaces of Healthcare Professionals.	6
	Electronic patient medical record. Application of comprehensive medical information systems.	
	Features of the application of medical information systems. Telemedicine	

	consultations, remote biomonitoring, emergency and routine consultations for doctors.	
	Total in 7th semester	36
	Total	84

Considered at the meeting of the Department of Public Health and Healthcare of the N.P. Grigorenko Institute of Public Health, 05/26/2026, protocol No10.

Head of the Department of Public Health and Healthcare, Professor



V.L. Adzhienko