Speciality "General Medicine"

ACADEMIC DISCIPLINE "SOCIAL MEDICINE"

Academic discipline outline	Theoretical foundations of the academic discipline "Social Medicine." Social medicine as a science, academic discipline, and field of practical activity. Social determinants of health and their impact on public health. Public health as a socio-medical category. Health of the population and methods of its assessment. The role of social, economic, environmental, and behavioral factors in shaping individual and public health. Social policy in the field of health protection. Citizens' responsibility for maintaining and strengthening health. Relationship of social medicine with sociology, epidemiology, public health and healthcare, ecology, and anthropology. Epidemiology as an academic discipline. Patterns of occurrence and spread of infectious and parasitic diseases among the population. Causes, conditions, mechanisms of development, and manifestations of the epidemic process. Prevention of socially significant diseases. Sanitary and epidemiological well-being of the population. Principles and organization of anti-epidemic activities. Immunoprophylaxis of infectious diseases. Health-preserving technologies and preventive measures. Organization of health protection activities aimed at preserving and strengthening public health. Modern challenges in public health and prevention. International approaches to public health protection and disease prevention.
Resulting skills	Organization and implementation of preventive and anti-epidemic measures in healthcare organizations. Assessment of sanitary-epidemiological well-being of the population and development of measures aimed at its improvement. Planning and organization of immunoprophylaxis of infectious diseases in accordance with the national immunization program and epidemic indications. Analysis of factors influencing the spread of infectious and socially significant diseases among the population. Organization of medical care for the child population and dynamic monitoring of children. Assessment of medico-social problems associated with socially significant diseases and conditions. Development of preventive measures in the conditions of a general practitioner's outpatient clinic. Organization of medico-social assistance to the population residing in rural areas. Analysis of the specific features of healthcare delivery in rural healthcare settings. Organization of medico-social assistance in nursing care hospitals. Application of health-preserving

	technologies and preventive approaches in practical healthcare. Evaluation of the effectiveness of preventive and anti-epidemic activities aimed at preserving and strengthening public health.
Learning outcomes	A student must: **know:** main legislative acts on the protection of public health in the Republic of Belarus; citizens' rights in the field of health protection; basic demographic concepts and analysis tools; factors influencing individual and public health; organization of maternal and child health protection, family planning; factors influencing reproductive health; modern approaches to forming a healthy lifestyle for the population; modern problems of biomedical ethics; basics of communication with patients with various diseases; basics of modern theory of social culture, history of its development in modern society; basics of modern theory of social well-being, quality of life, physical, mental and social health; structure and features, basics of culture of communicative processes in modern society; main technologies and areas of application of psychosocial work, social medicine; main technologies for ensuring social well-being, physical, mental and social health; ethical and medical foundations of social work; main groups of anti-epidemic measures; main preventive and anti-epidemic measures for individual infectious diseases; legislation in the field of sanitary-epidemiological well-being of the population and protection of citizens' health; basics of immunoprophylaxis of infectious diseases; features of the epidemic process of infectious diseases common among children and adults (aerosol infections, intestinal infections, infections with predominantly parenteral transmission mechanism); immunoprophylaxis of viral hepatitis B, tuberculosis, poliomyelitis, measles, rubella, epidemic parotitis, whooping cough, diphtheria, tetanus, rabies, influenza, human papillomavirus infection, emergency prophylaxis of tetanus; basics of legislation of the Republic of Belarus in the field of healthcare on issues of biomedical ethics;

	policy of the World Health Organization and other international organizations on issues of biomedical ethics; **be able to:** analyze main demographic trends; analyze public health indicators; provide counseling on legal issues of reproductive health protection; communicate with patients based on bioethics requirements; use the sociocultural potential of national-state management, socially oriented business and civil society of their country to solve tasks of ensuring population well-being, social security of a person, their physical, mental and social health; use socio-pedagogical, medico-social and socio-psychological methods and technologies in social work practice; conduct medico-social and cultural studies; analyze indicators of individual and public health during its monitoring, form health-preserving behavior of the population; use the sociocultural potential of state management to solve tasks of ensuring population well-being, social security of a person, their physical, mental and social health; apply principles of anti-epidemic provision of the population while observing norms of medical ethics and deontology; apply methods of infectious disease prevention; explain manifestations of the epidemic process; organize anti-epidemic measures in accordance with the epidemic situation; draw up an individual calendar of preventive vaccinations taking into account age and health status of a person; organize anti-epidemic measures in accordance with the epidemic situation; evaluate the evidence base of methods of diagnosis, treatment, disease prevention; determine the list of measures in accordance with the epidemiological situation; organize and conduct measures to detect and isolate infected patients; analyze the ratio of moral values, principles and norms of traditional medical ethics and biomedical ethics; evaluate medical errors and conflict situations in medicine; **master:** main methods of medico-social expertise; methods of analysis and assessment of the state and trends of public and individual health; counseling patients on issues of organization of medico-social assistance;

	various forms, methods and means of patient education; basics of culture of modern social thinking, public and professional activity, socio-technological, medico-social and socio-engineering practices; ability to ensure a high level of professional and general culture in their activity as a social worker, citizen of their country; cultural and medico-social foundations of social work organization; ability to conduct research to identify the level of social well-being among different population groups; modern technologies of organization of psychosocial, structural and comprehensively oriented social work, medico-social assistance; socio-pedagogical and medico-social methods and technologies; most important epidemiological concepts; methods and means of prevention of intestinal, aerosol infections and infections with predominantly parenteral transmission mechanism; main methods and means of immunoprophylaxis of infectious diseases; theoretical knowledge of biomedical ethics; ethical-deontological principles of providing medical care to patients; skills of independent work with educational, reference, educational-methodological and scientific literature; skills of a systematic approach to the analysis of medical information.
Semester(s)	11,12 semesters
Prerequisite	Medical Biology and General Genetics Infectious Diseases. Microbiology, Virology, Immunology. General Hygiene.
Credit value	2,5 credits
Academic hours	60 academic hours, of which: 60 class hours
Forms of midterm attestation	Credit Examination