

VII. Competence matrix

Competency code	Title of the Competency	Module code, discipline code
UC-3	Be able to communicate in the state or foreign language to solve problems of interpersonal and professional interaction	3.1
UC-4	Be able to work in a team and be tolerant of social, ethnic, religious, cultural and other differences	1.1.1
UC-8	Possess modern culture of thinking, humanistic worldview, analytical, innovative and critical style of cognitive, social, practical and communicative activity; use the fundamentals of philosophy knowledge in direct professional activity; independently master philosophy knowledge and build an individual worldview position on its basis	1.1.1
UC-9	Have the ability to analyze the processes of state building in different historical periods, identify the factors and mechanisms of historical changes, determine the socio-political significance of historical events (personalities, artifacts and symbols) for modern Belarusian statehood, perfectly use the identified patterns in the process of forming civil identity	1.1.2
BPC-8	Use knowledge about the laws of the environmental factors impact on human health, apply methods of hygienic assessment of the human environment to develop basic preventive health-preserving measures	1.2.1
BPC-9	Use knowledge about the pharmacological properties of medicines, master the principles of choosing rational pharmacotherapy to treat and prevent diseases and pathological conditions of the human body	1.3.3
BPC-10	Apply knowledge about the main characteristics of microorganisms causing human infectious diseases, the patterns of the immune system functioning, the mechanisms of disease development in case of microbiological assessment	1.2.2
BPC-11	Use knowledge about the risks of development and pathogenetic mechanisms of formation of radiation and ecology induced pathology, apply the methods of individual and population based prevention of diseases and pathological conditions caused by chronic low-dose physicochemical and biological effects	1.2.3
BPC-12	Use knowledge about the epidemic process patterns and methods of their study, immunoprophylaxis of infectious diseases, principles of epidemiological examination of infectious diseases focal areas, organize preventive, sanitary and anti-epidemic measures for intestinal, aerosol infections and infections with a predominantly parenteral mechanism	1.2.4
BPC-13	Use knowledge about the etiology, pathogenesis, morphological features of general pathological processes and diseases at different stages of their development, the causes and mechanisms of dying (thanatogenesis), interpret the results of pathoanatomical methods of sectional, biopsy and surgical material investigation, apply methods of clinical and anatomical analysis to make clinical and pathoanatomical diagnosis	1.3.1
BPC-14	Use knowledge about the etiology and pathogenesis of general pathological processes, typical forms of the human body organs and systems pathology while conducting pathophysiological assessment of the laboratory investigation data	1.3.2
SC-3	Apply methods for calculating, analyzing and predicting health indicators of the population, use knowledge about the principles, types, forms and conditions of providing medical care to the population to plan the key performance indicators of health organizations, develop and make management decisions, assess medical, social and economic efficiency	2.11
SC-4	Perform pathophysiological analysis of disease symptoms and syndromes, including the data of clinical, laboratory and other methods of patient examination	2.12.1
SC-5	Develop a laboratory examination plan and interpret laboratory indicators	2.12.2
SC-6	Carry out clinical examination of patients based on the knowledge about the semiotics of adult organs and systems lesions	2.1.1
SC-7	Examine patients' condition applying radiation diagnostic methods, identify the main radiation symptoms and syndromes of human diseases applying the combined radiation imaging techniques and radiation therapy	2.1.2
SC-8	Apply methods of examination, diagnosis, and primary care for the most common surgical diseases	2.2.1
SC-9	Use knowledge about the human body structure, topography, functions of organs and systems taking into account the age aspect while performing basic surgical manipulations	2.2.2
SC-10	Organize and provide medical assistance in emergency situations	2.3
SC-11	Use knowledge of clinical symptoms, apply methods of patient examination, diagnosis and differential diagnosis, principles of treatment and prevention, make clinical diagnosis of dermatovenerological pathology, tuberculosis, major neurological and infectious diseases	2.4.1-2.4.3, 2.8.1, 2.14.1, 2.14.2
SC-12	Organize and provide primary medical care of adults on an outpatient basis, conduct examination of temporary disability, provide emergency medical care prior to hospitalization	2.4.4, 2.14.1
SC-13	Provide primary and specialized medical care for the most common otorhinolaryngological, dental, eye diseases and injuries, including urgent and life-threatening conditions	2.5.1, 2.5.2
SC-14	Perform general and local anesthesia, provide intensive care in emergency cases, apply cardiopulmonary resuscitation techniques in terminal conditions	2.5.3, 2.14.3
SC-15	Apply psychodiagnostic and psychocorrective methods, principles of disease treatment and prevention, make a clinical diagnosis in case of mental pathology while providing psychiatric care	2.6, 2.14.1
SC-16	Provide primary and specialized medical care in cases of internal organs pathology, including urgent and life-threatening conditions, occupational diseases; conduct medical and social expertise of internal organs pathology, including occupational diseases; apply methods of tests interpretation for the diagnosis of autoimmune and allergic diseases, laboratory and immunological control data assessment during pathogenetic therapy	2.7, 2.14.1
SC-17	Provide primary and specialized medical care for endocrine diseases, emergency medical care for precomatose and comatose conditions of the endocrine origin	2.8.2, 2.14.1
SC-18	Assess the functional state and vital activity of the patient in case of the main disabling pathologies, choose the most effective means and methods for medical rehabilitation and physiotherapy	2.8.3
SC-19	Choose effective and safe medicines for the individual treatment of adult diseases	2.8.4
SC-20	Diagnose and provide emergency medical care for acute pathological conditions in cardiology, nephrology, gastroenterology and pulmonology	2.8.5
SC-21	Diagnose and provide primary and specialized medical care for surgical and urological diseases and the most common	2.9, 2.14.3
SC-22	Diagnose and apply the principles of the female genital organs pathology treatment, carry on management of pregnancy, provide medical care in childbirth and in the postpartum period, emergency conditions in obstetrics and gynecology	2.10, 2.14.3
SC-23	Conduct forensic medical examination of corpses and living persons, examine the corpse at the site of its discovery (accident)	2.12.3
SC-24	Assess clinical symptoms, apply methods of a sick child examination, laboratory and differential diagnosis, make a clinical diagnosis, master the principles of treatment, prevention and medical rehabilitation of children and adolescents	2.13, 2.14.1, 2.14.2

Developed on the basis of the standard Curriculum for the specialty 1-79 01 01 General Medicine. Registration № L 79-1-3/пр-тип.

References: ¹ The list of Disciplines of higher educational institutions is approved by the Order of higher educational institution.

d - differentiated credit tests

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It's recommended for approval by the Scientific Methodical Council. Protocol dated 17.05.2022 № 5

