

**CATALOG OF COURSES AT THE CHOICE OF STUDENTS for the 2024-2025 academic year**  
**Specialty: “General Medicine”**

**I course (for a winter set)**

**Each student is required to earn 1 credit (ECTS) during the year.**

<b>№</b>	<b>Name of elective courses</b>	<b>Responsible department</b>	<b>Credits</b>	<b>Annotations</b>
1.	Tropical Parasitology	Department of Medical Biology	1	The proposed elective course program in medical Parasitology is based on the fact that there are not enough hours for students of the 2nd year of the medical faculty to study the full program of Parasitology. The purpose of the elective course is to improve the quality of training and expand student knowledge of Tropical Parasitology. Elective course in medical Parasitology includes the study of morphology, features of development cycles, distribution of parasites of tropical climate, as it is most favorable for the existence of parasites. The parasites of the tropical zone is the most diverse and numerous. Many parasitic protozoa, helminths, and arthropods are found only in this zone.
2.	Vascular and Nerve Discharge Options in the Pelvic Cavity	Department of Normal and Topographic Anatomy	1	Deep knowledge of various aspects of anatomy allows students to use their knowledge in clinical departments, in practical activities, in particular in the clinic. It is necessary to study in detail the features of blood supply to the pelvic organs, depending on the gender of individual and age.
3.	Nanotechnology in Medicine	Department of Physics, Mathematics and Computer technology	1	In modern aspects, medicine requires strengthening the preventive focus of health care, improving the quality of medical care and also availability of precise diagnostic equipment in health facilities. To solve these problems, it is necessary to train specialists with good professional knowledge and practical skills. In addition to physical research methods (electromagnetic fields, ultrasound, elementary particles, etc.) of biological objects, it is important to create new methods of diagnosis

				and treatment in medicine. Their range includes nanotechnology.
4.	Russian Language in the Field of Professional Activity	Department of Russian Language	1	The purpose of mastering the discipline is to improve the communication skills of foreign medical students in the field of professional communication (written and oral) in Russian. Russian language in the field of professional activity" is a discipline of the students' choice and refers to the humanitarian, social and economic cycle. The discipline assumes that students have a basic level of knowledge of Russian.
5.	The Autonomic Nervous System - the Regulator of the Functional Systems of the Human Body	Department of Fundamental and Clinical Physiology	1	The elective course "Autonomic nervous system - the regulator of the functional systems of the body" for the discipline Normal physiology contains lecture material, tasks for practical classes and a list of questions for students' independent work. The course material reflects in detail the anatomical structure of the ANS divisions, their physiological effects on important body systems. The classification and features of the action mechanisms of mediators of the sympathetic, parasympathetic and meta-sympathetic divisions of the ANS are represented. The practical part is presented by autonomic reflexes of the cardiovascular, respiratory and other systems, which students should master. This course integrates basic knowledge of physiology with clinical disciplines (neurology, cardiology, internal medicine).

**CATALOG OF COURSES AT THE CHOICE OF STUDENTS for the 2024-2025 academic year**  
**Specialty: “General Medicine”**

**2nd course (for a winter set)**

**Each student is required to earn 3 credit (ECTS) during the year.**

<b>№</b>	<b>Name o felective courses</b>	<b>Responsible department</b>	<b>Credits</b>	<b>Annotations</b>
1.	Clinical and Microbiological Diagnostics of Health Care-associated Infections (HAIs)	Department of Microbiology, Virology and Immunology	1	Health car-associated infections (HAIs) are caused bybacteria, viruses and fungi. Health car-associated infections (HAIs) are infections people get while they are receiving health care for another condition.Bacteria, fungi, viruses or other less common pathogens can cause HAIs. HAIs are a significant of illness and death– And they canhaveserious emotional,financialandmedical consequences.
2.	Biochemical Mechanisms of Metabolic Disorders and Main Biochemical Markers	Department of Biochemistry with a Course of General and Bioorganic Chemistry	2	This course allows students to understand that any disease begins with a metabolic disorder in a cell, then spreads to tissue, an organ and the whole organism, and that a metabolic disorder leads to a violation of homeostasis in the biological fluids of the human body, which is a companied by a change in biochemical lparameters. Students will appreciate the role of biochemical research in diagnosing, predicting diseases and Evaluating the effectiveness of treatment.
3.	Care for Development of Children of Preschool Age	Department of Propaedeutic Pediatrics	1	The main elements of the education of children of preschool age. The use of various methods for the development of a preschool child – the development of memory,thinking,motorskills,speech.Recommendationsforchilddevelopment by age group (work in the Department of hospital and preschool institutions). Communication skills and counseling mothers.
4.	Pathological Anatomy of Fetal and Newborn Diseases.	Department of Pathological Anatomy	1	Thepurposeofthecourseofpathologicalanatomyoffetalandnewborndiseasesis tostudythestructuralbasisofthesediseases,theiretiology,pathogenesis And morphogenesis in order to use the knowledge gained in training at clinical departments for training a general medicine specialist.

5.	Medical Ethics and Deontology	Department of Public Health and Healthcare	2	The course introduces students to the unique ethical aspects of the medical profession, which are considered from the perspective of medical ethics and deontology, the direction of bioethics concerning moral problems in medical practice. The course is based on classical knowledge and modern achievements in the field of medical ethics and deontology, enshrined in national and international ethical standards. The study of medical ethics and deontology plays an important role in the training of highly qualified medical personnel. As a result of the training, students will gain knowledge and skills capable of ensuring high professionalism and a worthy place in interdisciplinary discussions about professional duty, duties, right and welfare, meeting their needs in preparation for the worthy fulfillment of the mission of providing quality medical care to the population.
6.	Medical English Terminology	Department of Foreign and Latin Languages	2	Teaching English at the Medical Academy is the main part of the general training program for future qualified doctors. The main goal is to form the communicative competencies of the English language of the future specialist-doctor, allowing the use of English as an information medium, professional and interpersonal communication. This course also emphasizes the study and use of medical terminology and focuses on the development of areas of speech, listening, writing, grammar and reading skills.
7.	Pathophysiology of the adaptation syndrome and stress	Department of Pathological Physiology	1	This course will study the most non-specific general mobilization response of the body to any stimulus that threatens homeostasis in real, potential, or even just unexpected. The causes of the adaptation syndrome and stress, as well as the anti-stress mechanisms of the body, and the principles of stress correction will be considered in detail.
8.	The Effective Communications in Medical Activity	Department of Psychology, Psychiatry and Narcology	1	The elective course "Effective communications in medical activity" is aimed at developing practical communication skills of students, the acquisition of theoretical knowledge and practical skills in the process of building medical communications. The subject of study is a system of relationships between a medical worker and other people, patients, and colleagues. At present, many people experience tension, instability, insecurity, which often leads to difficulties in communication.