

**Thematic plan of lectures on normal physiology
for the students of the group 201a*– 205a* (III semester 2025-2026 year)**

№ of lecture	Name of the lecture	Number of hours	Lecturer
1.	1. INTRODUCTION. Subject and problems of physiology 7. PHYSIOLOGY OF THE CARDIOVASCULAR SYSTEM Physiological properties and structure of myocardium	2	Senior lecturer Brel Y.I. 06.02.2026 09.40-11.05
2.	7. PHYSIOLOGY OF THE CARDIOVASCULAR SYSTEM Cardiac cycle. Polycardiography. Regulation of cardiac activity.	2	Senior lecturer Brel Y.I. 13.02.2026 09.40-11.05
3.	7. PHYSIOLOGY OF THE CARDIOVASCULAR SYSTEM Haemodynamics. Functional indicators of blood circulation Blood circulation regulation Regional blood-flow	2	Senior lecturer Brel Y.I. 20.02.2026 09.40-11.05
4.	8. PHYSIOLOGY OF DIGESTION. Functional system of nutrition Digestion in oral cavity and stomach. Digestion in the small and large intestine.	2	Senior lecturer Brel Y.I. 27.02.2026 09.40-11.05
5.	9. METABOLISM AND ENERGY. NUTRITION Metabolism and energy Physiological bases of healthy nutrition 10. PHYSIOLOGY OF THERMOREGULATION	2	Senior lecturer Brel Y.I. 06.03.2026 09.40-11.05
6.	11. PHYSIOLOGY OF EXCRETION. Characteristic of excretion Regulation of functions of kidneys.	2	Senior lecturer Brel Y.I. 13.03.2026 09.40-11.05
7.	12. PHYSIOLOGY OF THE SENSORY SYSTEMS General physiology of the sensory systems Particular physiology of the sensory systems. Visual system.	2	Senior lecturer Brel Y.I. 20.03.2026 09.40-11.05
8.	12. PHYSIOLOGY OF THE SENSORY SYSTEMS Particular physiology of the sensory systems	2	Senior lecturer Brel Y.I. 27.03.2026 09.40-11.05
9.	13. INTEGRATIVE ACTIVITY OF THE BRAIN Conditional reflex activity of the person. Analysis and synthesis of stimuli in the cortex of cerebrum. I.P. Pavlov's doctrine about I and II signal systems. Types of higher nervous activity.	2	Senior lecturer Brel Y.I. 03.04.2026 09.40-11.05
10.	13. INTEGRATIVE ACTIVITY OF THE BRAIN Physiological bases of mental functions of the person Functional system of behavior of the person.	2	Senior lecturer Brel Y.I. 10.04.2026 09.40-11.05
11.	2. HOMEOSTASIS. INTERNAL ENVIRONMENT OF THE ORGANISM. BLOOD SYSTEM The bases of intercellular communication, information exchange and regulation of physiological functions of a cell. Homeostasis. The concept of the blood system.	2	Senior lecturer Brel Y.I. 17.04.2026 09.40-11.05
12.	2. INTERNAL ENVIRONMENT OF THE ORGANISM. BLOOD SYSTEM Functions of blood and their mechanisms. Physical and chemical properties of blood.	2	Senior lecturer Brel Y.I. 24.04.2026 09.40-11.05
13.	2. INTERNAL ENVIRONMENT OF THE ORGANISM. BLOOD SYSTEM The system of hemostasis. Blood groups.	2	Senior lecturer Brel Y.I. 01.05.2026 09.40-11.05
	<i>Amount of hours for the semester</i>	26	

