

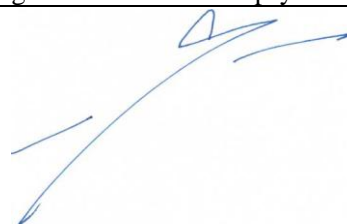
PLAN OF LABORATORY CLASSES
in «Human Anatomy and Physiology»
for the spring term for academic year 2025/2026 for the international students of Pharmacy
faculty of the 1st year studying in English

Week of studying	Date	Groups:6161en, 6163en					
		Days of the week, lesson					
		Mon	Tue	Wed	Thu	Fri	Sat
19 (1)	09.02.-13.02.	×	19	×	19	×	×
20 (2)	16.02.-20.02.	×	20	×	20	×	×
21 (3)	23.02.-27.02.	×	21	×	21	×	×
22 (4)	02.03.-06.03.	×	22	×	22	×	×
23 (5)	09.03.-13.03.	×	23	×	23	×	×
24 (6)	16.03.-20.03.	×	24	×	24	×	×
25 (7)	23.03.-27.03.	×	25	×	25	×	×
26 (8)	30.03.-03.04.	×	26	×	26	×	×
27 (9)	06.04.-10.04.	×	27	×	27	×	×
28 (10)	13.04.-17.04.	×	28	×	28	×	×
29 (11)	22.04.-25.04.	×	×	×	29	×	×
30 (12)	27.04.-30.04.	×	29	×	30	×	×
31 (13)	04.05.-08.05.	×	30	×	31	×	×
32 (14)	11.05.-15.05.	×	31	×	32	×	×
33 (15)	18.05.-22.05.	×	32	×	33	×	×
34 (16)	25.05.-29.05.	×	33	×	34	×	×
35 (17)	01.06.-05.06.	×	34	×	35	×	×
36 (17)	08.06.-12.06	×	35	×	×	×	×

Week of studying	Themes of practical classes (3 hours)
19 (1)	Structure, functions of the heart and vessels. Hemodynamics. Functional indices of circulation. Microcirculation
20 (2)	Physiological properties and features of myocardium. Cardiac cycle. Methods of cardiac activity investigation
21 (3)	Regulation of heart work
22 (4)	Regulation of circulation
23 (5)	Structure and functions of respiration. Lung ventilation
24 (6)	Gas exchange in tissues. Transport of gases by the blood
25 (7)	Regulation of respiration
26 (8)	Concluding class in topics “Anatomy and physiology of circulation and ventilation”
27 (9)	General characteristics of digestive system. Regulation of eating behavior. Digestion in the mouth and stomach
28 (10)	Digestion in the small and large intestine. The role of the pancreas and liver in digestion. Absorption
29 (11)	The metabolism of substances and energy. The physiological basis of healthy nutrition. Physiology of thermoregulation
30 (12)	Physiology of excretion
31 (13)	Concluding class in topics “Anatomy and physiology of digestive system. The metabolism of substances and energy. Physiological basics of healthy eating. Physiology of thermoregulation. Physiology of excretion”
32 (14)	General principles of structure and function of sensory systems. Structure and functions of visual system
33 (15)	Special physiology of sensory systems. Structure and functions of auditory, vestibular, olfactory, taste, somatovisceral sensory systems. Nociception. Nociceptive and antinociceptive systems: structure, functions, mechanisms of functioning
34 (16)	Innate and acquired adaptive reactions of the organism to environmental changes
35 (17)	Higher integrative brain functions as physiological bases of human psychic functions

Learning session from 09.02.2026 to 12.06.2026

Head of the Department
MD, professor



I.N.Semenya