



**CALENDAR AND THEMATIC PLAN OF LECTURES
in PATHOLOGICAL PHYSIOLOGY for the 3rd course
in specialty 226 Pharmacy, industrial pharmacy
in specialization 226.01 Pharmacy
(autumn semester, 2023-2024 academic year)**

№	Date	Lesson name	Volume in hours	Lecturer
MODULE 2. PATHOPHYSIOLOGY OF ORGANS AND SYSTEMS				
1.	06.09.2023	Pathophysiology of the blood system. Pathophysiology of the heart.	2	Assoc. prof. Kononenko A.H.
2.	20.09.2023	Pathophysiology of blood vessels. Pathophysiology of digestion.	2	Assoc. prof. Kononenko A.H.
3.	03.10.2023	Pathophysiology of the liver and biliary system. Kidney pathophysiology.	2	Assoc. prof. Kononenko A.H.
4.	17.10.2023	Pathophysiology of the endocrine system. Pathophysiology of the nervous system.	2	Assoc. prof. Kononenko A.H.
Total:			8 hours	

Note: the lecture takes place on Wednesdays (week I) at 10.25

Head of the physiology
and pathological physiology department,
professor

Nadiia Kononenko



CALENDAR AND THEMATIC PLAN OF PRACTICA LESSONS
in PATHOLOGICAL PHYSIOLOGY for the 3rd course
in specialty 226 Pharmacy, industrial pharmacy
in specialization 226.01 Pharmacy
(autumn semester, 2023-2024 academic year)

№	Data	Lesson name	Volume in hours Type of activity	Knowledge Assessment System, points	
				min	max
CONTENT MODULE 4. PATHOPHYSIOLOGY OF THE BLOOD SYSTEM, HEART					
1	04-08.09.2023	Topic 10. Violation of circulating blood volume	3, PC	3	5
2	11-15.09.2023	Topic 10. Pathophysiology of the red blood system	3, PC	3	5
3	18-22.09.2023	Topic 11. Pathophysiology of the white blood system	3, PC	3	5
4	25-29.09.2023	Topic 12. Pathophysiology of the blood coagulation system	3, PC	3	5
5	02-06.10.2023	Topic 13. Pathophysiology of the heart	3, PC	3	5
6	09-13.10.2023	Topic 13. Pathophysiology of the heart	1, PC	3	5
		Control of the CM 4	2, PC	12	20
Total for CM 4:			18	30	50
CONTENT MODULE 5. PATHOPHYSIOLOGY OF VESSELS, EXTERNAL RESPIRATORY, DIGESTIVE SYSTEM, LIVER AND BILE EXHAUST SYSTEM					
7	16-20.10.2023	Topic 14. Pathophysiology of blood vessels	3, PC	3	5
8	23-27.10.2023	Topic 14. Pathophysiology of blood vessels	3, PC	3	5
9	30.10-03.11.2023	Topic 15. Pathophysiology of external breathing	3, PC	3	5
10	06-10.11.2023	Topic 16. Pathophysiology of digestion	3, PC	3	5
11	13-17.11.2023	Topic 16. Pathophysiology of digestion	3, PC	3	5
12	20-24.11.2023	Topic 17. Pathophysiology of the liver and biliary system	3, PC	3	5
13	27.11-01.12.2023	Topic 17. Pathophysiology of the liver and biliary system	1, PC	3	5
		Control of the CM 5	2, PC	9	15
Total for CM 5:			21	30	50
CONTENT MODULE 6. PATHOPHYSIOLOGY OF THE KIDNEY, ENDOCRINE, NERVOUS SYSTEMS					
14	04-08.12.2023	Topic 18. Pathophysiology of kidneys	3, PC	3	5
15	11-15.12.2023	Topic 18. Pathophysiology of kidneys	3, PC	3	5
16	18-22.12.2023	Topic 19. Pathophysiology of the endocrine system	3, PC	3	5
17	08-12.01.2024	Topic 19. Pathophysiology of the endocrine system	3, PC	3	5
18	15-19.01.2024	Topic 20. Pathophysiology of the nervous system	1, PC	3	5
		Control of the CM 6	1, PC	15	25
Total for CM 6:			14	30	50
19	15-19.01.2024	Semester credit for module 2: Pathophysiology of organs and systems	1, PC	60	100
TOTAL FOR THE STUDY OF MODULE 2 (ΣCM4+CM5+CM6)/1.5			54	60	100

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