

**The lectures calendar plan on Pathophysiology for students of the 3rd year (5th semester)
specialty 31.05.01 Medicine for the 2025/2026 academic year**

№	Date	Theme	Hours
1	08.09.2025	Introduction. The subject and tasks of pathophysiology. General nosology	2
2	15.09.2025	Inflammation. Etiology, the main pathogenesis components of the of the inflammatory process. Acute phase response.	2
3	22.09.2025	Fever. Hyperthermia. Hypothermia.	2
4	29.09.2025	Hypoxia. Hyperoxia.	2
5	06.10.2025	Pathophysiology of metabolism. Violation of the acid-base balance.	2
6	13.10.2025	Pathophysiology of metabolism. Violation of water- electrolyte metabolism.	2
7	20.10.2025	Pathophysiology of metabolism. Disorders of carbohydrate metabolism: hyperglycemic, hypoglycemic states. Diabetes mellitus.	2
8	27.10.2025	Pathophysiology of tumor growth.	2