

**The lectures calendar plan on Pathophysiology for students of the 3rd year (5th semester)
specialty 31.05.01 Medicine for the 2026/2027 academic year**

№	Date	Theme	Hours
1	07.09.2025	Introduction. The subject and tasks of pathophysiology. General nosology	2
2	14.09.2025	Inflammation. Etiology, the main pathogenesis components of the of the inflammatory process. Acute phase response.	2
3	21.09.2025	Fever. Hyperthermia. Hypothermia.	2
4	28.09.2025	Hypoxia. Hyperoxia.	2
5	05.10.2025	Pathophysiology of metabolism. Violation of the acid-base balance.	2
6	12.10.2025	Pathophysiology of metabolism. Violation of water-electrolyte metabolism.	2
7	19.10.2025	Pathophysiology of metabolism. Disorders of carbohydrate metabolism: hyperglycemic, hypoglycemic states. Diabetes mellitus.	2
8	26.10.2025	Pathophysiology of tumor growth.	2