


APPROVED  
Head of Physiology and  
Pathophysiology Department  
with course of Medical  
Biology  prof. V Harbuzova  
\_\_\_\_\_ 2025.

**CALENDAR AND THEMATIC PLAN OF LECTURES  
ON PATHOPHYSIOLOGY**  
**For 3rd year students of the educational and scientific Medical Institute of  
Sumy State University**  
**For the fall semester of the 2025–2026 academic year**  
**Specialties I2 "Medicine"**

№	Lecture topics	Hours
1.	Subject and methods of pathophysiology	2
2.	Allergy. Etiology and pathogenesis	2
3.	Inflammation. General characteristics. The role of cells and humoral factors in pathogenesis	2
4.	Tumor process. General characteristics.	2
5.	Typical disorders of carbohydrate metabolism. Diabetes mellitus	2
6.	Typical disorders of water-salt metabolism	2
7.	Disturbances of acid-base balance	2
8.	Anemia. General characteristics	2
9.	Leukocytosis, leukopenia. Leukosis.	2
	<b>Total:</b>	<b>18</b>