

**Schedule of Practical Classes
for the Course "Clinical Laboratory Diagnostics"
for 6th-Year Students (11th Semester)
Specialty 31.05.01 General Medicine
Academic Year 2026/27**

№	Topic	Number of hours
1	Specifics of the pre-analytical phase of laboratory testing	6
2	General clinical blood analysis: significance in clinical practice	6
3	Inflammation. Laboratory markers of inflammation	4
4	Laboratory methods for diagnosing carbohydrate and lipid metabolism disorders	6
5	Key laboratory tests for diagnosing emergency conditions	6
6	Key laboratory markers of liver and heart injury and dysfunction	6
7	Key laboratory markers of kidney damage and dysfunction. Interpretation of urinalysis results	4
8	Laboratory diagnosis of gastrointestinal diseases. Interpretation of stool analysis results	4
9	Algorithms for the laboratory diagnosis of hemostasis disorders	4
10	Isoimmunological laboratory tests	4
11	Comprehensive assessment of laboratory test results. Clinical decision options	4