

**Thematic plan of practical classes on pathological anatomy  
for 3<sup>rd</sup> year students of the Faculty of international students  
for 2026-2027 academic year**

1. Introduction to pathological anatomy. Parenchymal degenerations.
2. Mesenchymal (stromal-vascular) degenerations.
3. Mixed degenerations. Pigments accumulations.
4. Necrosis and apoptosis.
5. **Test № 1.**
6. Circulatory disorders: arterial hyperemia, venous congestion, ischemia, bleeding and hemorrhage, edema,
7. Circulatory disorders: thrombosis, embolism, DIC syndrome.
8. Inflammation: exudative and proliferative inflammation.
9. Immunopathology: thymus pathology, hypersensitivity reactions, autoimmune diseases, immunodeficiency syndromes.
10. **Test № 2.**
11. Tissue repair, regeneration and adaptation.
12. Tumors: carcinogenesis, atypism, metastasis, clinical aspects of neoplasia.
13. Tumors: epithelial, neuroendocrine, melanocytic neoplasms.
14. Tumors: mesenchymal (soft tissue) neoplasms.
15. Tumors: classification of neoplasms according to tissue origin, system and body location.
16. Tumors: leukemias, lymphomas, multiple myeloma.
17. **Test № 3.**
18. Congenital malformations.
19. Cardiovascular system diseases: atherosclerosis, arterial hypertension, IHD.
20. Rheumatic diseases. Vasculitis.
21. Respiratory system diseases: acute pneumonia.
22. Respiratory system diseases: chronic nonspecific lung diseases.
23. Gastrointestinal tract diseases: gastritis, peptic ulcers, colitis.
24. Liver pathology: steatosis, hepatitis, cirrhosis.
25. Renal pathology: glomerulonephritis, pyelonephritis. Nephrotic and nephritic syndromes.
26. Endocrine disorders and diseases.
27. **Test № 4.**
28. Infectious pathology: sepsis.
29. Infectious pathology: intestinal infections.
30. Infectious pathology: viral infections.
31. Infectious pathology: pediatric infections.
32. Infectious pathology: tuberculosis.
33. Female reproductive system pathology. Pathology of pregnancy.
34. Radiation injuries. Resuscitation pathology.
35. Iatrogenesis.