

**Thematic plan of seminar-type classes
in discipline «Pathophysiology»
for students of 2023 year of admission
under the educational programme
31.05.01 General Medicine,
specialisation (profile) General Medicine
(Specialist's degree),
form of study full-time
for the 2025-2026 academic year**

| № | Thematic blocks | Hours (academic) ¹ |
|-------------------|--|--|
| 5 semester | | |
| 1. | Pathological physiology of red blood. | 4 |
| 2. | Pathology of leukocyte system. | 4 |
| 3. | Violations of the physical and chemical properties of blood. | 4 |
| 4. | Control work №5. | 4 |
| 5. | Pathological physiology of external respiration. | 4 |
| 6. | Pathophysiology of the heart. | 4 |
| 7. | Pathophysiology of vascular tone. Etiology and pathogenesis of symptomatic hypo- and hypertension. | 4 |
| 8. | Control work №6. | 4 |
| 9. | Pathological physiology of digestion. | 4 |
| 10. | Liver pathology. | 4 |
| 11. | Kidney pathophysiology. | 4 |
| 12. | Control work №7. | 4 |
| 13. | Pathophysiology of the endocrine system. | 4 |
| 14. | Pathophysiology of stress. | 4 |
| 15. | Pathophysiology of the nervous system. | 4 |
| 16. | Control work №8. | 4 |
| 17. | Final lesson. Final testing. | 4 |
| | Total | 68 |

¹ – one thematic block includes several classes, the duration of one class is 45 minutes, with a break between classes of at least 5 minutes

Considered at the department meeting Pathophysiology, Clinical Pathophysiology, protocol of «23» May 2025 г. № 13.

Head of the Department

P.A. Kudrin

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