

| №   |            | Data   | Topic of the Subject | Total Hours,<br>Type of<br>Class | The system<br>of knowledge<br>assessment |     |
|---|------------|--|----------------------|----------------------------------|--|-----|
|   |            |  |                      |                                  | min                                      | max |
| <b>COURSE SCHEDULE</b>  |            |  |                      |                                  |  |     |
| <b>OF PRACTICAL CLASSES on PATHOLOGICAL PHYSIOLOGY</b>  |            |  |                      |                                  |  |     |
| <b>for the 2<sup>nd</sup> (20)*year students</b>  |            |  |                      |                                  |  |     |
| <b>in specialty 226 Pharmacy, industrial pharmacy</b>   |            |  |                      |                                  |  |     |
| <b>Autumn Semester, 2021-2022 academic year</b>   |            |  |                      |                                  |  |     |
| <b>Content module 1. The subject and tasks of pathological physiology. The science of the disease. Typical pathological processes</b> |            |  |                      |                                  |  |     |
| 1   | 07.09.2021 | <b>Topic 1.</b> The subject and tasks of pathological physiology. The science of the disease.        | 3 h, pract.          | 3<br>3                           | 5<br>5                                   |     |
| 2   | 14.09.2021 | <b>Topic 2.</b> Local blood circulatory disorders: arterial hyperemia, venous hyperemia, ischemia    | 3 h, pract.          | 3                                | 5  |     |
| 3   | 21.09.2021 | <b>Topic 2.</b> Local blood circulatory disorders: stasis, thrombosis, embolism                      | 3 h, pract.          | 3                                | 5  |     |
| 4   | 28.09.2021 | <b>Topic 3.</b> Inflammation: etiology, pathogenesis, classification, phagocytosis                   | 3 h, pract.          | 3                                | 5  |     |
| 5   | 05.10.2021 | <b>Topic 3.</b> Inflammation: clinical signs, outcomes; significance for organism                    | 3 h, pract..         | 3                                | 5  |     |
| 6   | 12.10.2021 | <b>Topic 4.</b> Allergy: etiology, pathogenesis, classifications                                     | 3 h, pract.          | 3                                | 5  |     |
| 7   | 19.10.2021 | <b>Topic 4.</b> Allergy: main typical clinical forms.<br><b>Content module 1</b>                     | 3 h, pract.          | 3<br>12                          | 5<br>20                                  |     |
| <b>Total for CM 1</b>   |            |  |                      | <b>36</b>                        | <b>60</b>                                |     |
| <b>Content module 2. Hypoxia. Fever. Metabolic and tissue growth disorders.</b>   |            |  |                      |                                  |  |     |
| 8   | 26.10.2021 | <b>Topic 5.</b> Hypoxia.   | 3 h, pract.          | 3                                | 5  |     |
| 9   | 02.11.2021 | <b>Topic 6.</b> Fever.   | 3 h, pract.          | 3                                | 5  |     |
| 10  | 09.11.2021 | <b>Topic 7.</b> Disturbances of the carbohydrate metabolism.   | 3 h, pract.          | 3                                | 5  |     |
| 11  | 16.11.2021 | <b>Topic 7.</b> Diabetes mellitus.   | 3 h, pract.          | 3                                | 5  |     |
| 12  | 23.11.2021 | <b>Topic 8.</b> Disturbances of protein metabolism.  | 3 h, pract.          | 3                                | 5  |     |
| 13  | 30.11.2021 | <b>Topic 8.</b> Disturbances of fat metabolism.  | 3 h, pract.          | 3                                | 5  |     |
| 14  | 07.12.2021 | <b>Topic 8.</b> Violation of water-salt metabolism. Acid-base equilibrium.                           | 3 h, pract.          | 3                                | 5  |     |
| 15  | 14.12.2021 | <b>Topic 9.</b> Disturbances of the tissue growth.   | 3 h, pract.          | 1,5                              | 2,5                                      |     |
| 16  | 21.12.2021 | <b>Topic 9.</b> Tumors.<br><b>Content module 2</b>   | 3 h<br>pract.        | 1,5<br>12                        | 2,5<br>20                                |     |
| <b>Total for CM 2</b>   |            |  |                      | <b>36</b>                        | <b>60</b>                                |     |
| <b>Total for CM: (ΣCM1+CM)/2</b>  |            |  |                      | <b>36</b>                        | <b>60</b>                                |     |
| 17  | 11.01.2022 | <b>The Final module control</b>  | 2                    | 24                               | 40                                       |     |
|   |            | <b>Rating increase from the module:</b>  |                      |                                  | 3-5                                      |     |
|   |            | 1. Oral training of topics on the schedule of working out  |                      |                                  | 10                                       |     |
|   |            | 2. Preparation of scientific work and performance with the report at student's scientific conference |                      |                                  | 3  |     |
|   |            | 3. 100% attendance at lectures   |                      |                                  |  |     |
| <b>Total for module:</b>  |            |  |                      | <b>60-100</b>                    |  |     |

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and Pathological Physiology

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