**Physiology**

**Schedule – Faculty of Medicine - summer semester 2024/2025**

**Note: The scope of material applicable to classes is available in the student cloud of the Department of Physiology and Pathophysiology.**

**CLASSES:**

1. Respiratory system. /26-27.02.2025/

2. Blood physiology – Erythrocytes. /5-6.03.2025/

3. Blood - Leukocytes. Hemostasis /12-13.03.2025/

4. **Partial test 1.** /19-20.03.2025/

5. Cardiovascular physiology 1 - Physiology of the heart. /26-27.03.2025/

6. Cardiovascular physiology 2. /2-3.04.2025/

7. Cardiovascular physiology 3. /9-10.04.2025/

8. Cardiovascular physiology 4. /16.04. and 24.04.2025/

9. **Partial test 2.** /30.04. and 8.05.2025/

10. The kidney. Water and electrolyte balance. /7.05. and 15.05.2025/

11. Metabolism. Body temperature regulation. /14.05. and 22.05.2025/

12. **Partial test 3.** /21.05. and 29.05.2025/

13. **Practical skills test.** /28.05. and 5.06.2025/

14. Integration of physiological processes. **Retake of partial tests.**  /4.06. and 12.06.2025/

**LECTURES** are held remotely on **TEAMS platform**

**Monday** at **9:00** a.m. – **10:30** a.m.

1. /24.02.2025/ Respiratory system **-** the mechanics of breathing.

2. /3.03.2025/ Respiratory system - regulation of breathing.

3. /10.03.2025/ Blood.

4. /17.03.2025/ Immunity.

5. /24.03.2025/ Circulatory system **-** the heart.

6. /31.03.2025/ Circulatory system **-** hemodynamics, arterial pressure.

7. /7.04.2025/ Circulatory system **-** regulatory mechanisms.

8. /14.04.2025/ Circulatory system – blood flow in specific regions.

9. /28.04.2025/ Exercise.

10. /5.05.2025/ The kidney.

11. /12.05.2025/ Acid-base balance.

12. /19.05.2025/ Metabolism. Body temperature regulation.