**SCHEDULE OF PHYSIOLOGY CLASSES**

Nursing – English Division, full-time studies, 1st year, winter semester 2025/2026

**Lectures** are held online via the Teams platform on Fridays, 8:30 – 10:45 (30 teaching hours)

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| **No** | **Lecture topic** | **Date** |
| 1. | Introduction to physiology. Homeostasis and cellular transport mechanisms. Membrane dynamics | 03.10.2025 |
| 2. | Nervous system. Senses. Sensory organs | 10.10.2025 |
| 3. | Autonomic nervous system. Motor control system. Physiology of bones. Muscles | 17.10.2025 |
| 4. | Hormones of the pituitary gland, hypothalamus, adrenal glands, thyroid, pancreas, and parathyroid glands | 24.10.2025 |
| 5. | Physiology of the male and female reproductive systems. Sex hormones. Thermoregulation | 31.10.2025 |
| 6. | Cardiovascular physiology – Heart. Blood vessels. Regulation of cardiovascular function | 07.11.2025 |
| 7. | Respiratory physiology – mechanics of breathing, gas exchange, transport of gases in the blood | 21.11.2025 |
| 8. | Blood physiology. Hemostasis. Mechanisms of immunity | 28.11.2025 |
| 9. | Renal physiology | 05.12.2025 |
| 10. | Digestive system | 12.12.2025 |

**Classes** (10 teaching hours):

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| **No** | **Lecture topic** | **Date** | **Time** | **Venue** |
| 1. | Homeostasis. Nervous system. Excitability. Motor control. Autonomic nervous system | 19.12.2025 | 9:00-12:00 | ul. Bartla 5, s.105 |
| 2. | Cardiovascular system. Respiratory system. Kidney. Digestive system | 16.01.2026 | 9:00-12:00 | ul. Bartla 5, s.106 |
| 3. | Properties and functions of blood. Hemostasis | 23.01.2026 | 9:00-10:30 | ul. Bartla 5, s.105 |

Course coordinator:

mgr Ewa Witkowska-Okupnik