

English Division, Faculty of Medicine  
Biophysics (Spring Semester 2026)  
Department of Biophysics, Physiology and Pathophysiology, 5 Chałubińskiego St.

**Schedule of practical classes**

Wednesdays,      9:10 - 11:25 (groups: 1<sup>st</sup> & 6<sup>th</sup>)  
                          11:40 - 13:55 (groups: 3<sup>rd</sup> & 4<sup>th</sup>)  
                          14:10 - 16:25 (groups: 2<sup>nd</sup> & 5<sup>th</sup>)

**Lectures:**

- L1 Biophysics in contemporary medicine.
- L2 The basics of ionising radiation and radiation protection.

**Seminars:**

- S1 Introduction to Thermodynamics. Biological Membranes.
- S2 Biophysics of Circulation.
- S3 Heart Electrical Activity.
- S4 Respiratory Biophysics. Spirometry. Respiration Under Usual and Unusual Conditions.
- S5 Imaging Techniques in Medicine (CT, PET, SPECT, MRI)

**Practical Classes:**

- C1** Sound waves. Physical Bases of Hearing. Audiometry Screening and Interpretation.
- C2** Physical Basics of Ultrasonography.
- C3** Doppler Ultrasonography. Blood Flow Characteristics in Arteries.
- C4** Biophysics of Vision.
- C5** X Rays – Measurements and Interpretation. Analysis of X-ray Images.

Practical Classes - Wednesdays: 9:10 - 11:25  
Seminars - Wednesdays: 10:00 - 11:30

Group	18.02	25.02	04.03	11.03	18.03	25.03	01.04	15.04	22.04	06.05	13.05	20.05
1A	S2	Lab C1		Lab C5		Lab C2	S3	Lab C3	S1	Lab C4	TEST	RETAKE
1B		Lab C2		Lab C3		Lab C5		Lab C4		Lab C1		
6A	Lab C1	S2	Lab C5		Lab C2	Lab C3	S3	Lab C4	S1			
6B	Lab C2		Lab C3		Lab C5	Lab C4		Lab C1				

Practical Classes and Seminars, Wednesdays: 11:40 - 13:55  
Seminars - Wednesdays: 11:50 - 13:20

Group	18.02	25.02	04.03	11.03	18.03	25.03	01.04	15.04	22.04	06.05	13.05	20.05
3A	S2	Lab C1		Lab C5		Lab C2	S3	Lab C3	S1	Lab C4	TEST	RETAKE
3B		Lab C2		Lab C3		Lab C5		Lab C4		Lab C1		
4A	Lab C1	S2	Lab C5		Lab C2	Lab C3	S3	Lab C	S1			
4B	Lab C2		Lab C3		Lab C5	Lab C4		Lab C1				

Practical Classes and Seminars, Wednesdays: 14:10 - 16:25  
Seminars, Wednesdays: 13:35 – 15:05

Group	18.02	25.02	04.03	11.03	18.03	25.03	01.04	15.04	22.04	06.05	13.05	20.05
2A	S2	Lab C1		Lab C5		Lab C2	S3	Lab C3	S1	Lab C4	TEST	RETAKE
2B		Lab C2		Lab C3		Lab C5		Lab C4		Lab C1		
5A	Lab C1	S2	Lab C5		Lab C2	Lab C3	S3	Lab C4	S1			
5B	Lab C2		Lab C3		Lab C5	Lab C4		Lab C1				

