English Division, Faculty of Medicine

Biophysics (Spring Semester 2025) Department of Biophysics, Physiology and Pathophysiology, 5 Chałubińskiego St.

Schedule of practical classes

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

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.
- 2 Physical Basics of Ultrasonography.
- C3 Doppler Ultrasonography. Blood Flow Characteristics in Arteries.
- C4 Biophysics of Vision.
- 5 X Rays Measurements and Interpretation. Analysis of X-ray Images.

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

Group	19.02	26.02	05.03	12.03	19.03	26.03	02.04	09.04	16.04	07.05	14.05	21.05
1A	60	Lab C1		Lab C5		Lab C2	62	Lab C3	C 1	Lab C4		
1B	52	Lab C2		Lab C3		Lab C5	S 3	Lab C4	51	Lab C1	TEGT	
6A	Lab C1	60	Lab C5		Lab C2		Lab C3	62	Lab C4	Q 1	TEST	RETAKE
6B	Lab C2	52	Lab C3		Lab C5		Lab C4	S 3	Lab C1	51		

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

Group	19.02	26.02	05.03	12.03	19.03	26.03	02.04	09.04	16.04	07.05	14.05	21.05
3A	50	Lab C1		Lab C5		Lab C2	62	Lab C3	C 1	Lab C4		
3B	52	Lab C2		Lab C3		Lab C5	S 3	Lab C4	51	Lab C1	TECT	
4A	Lab C1	52	Lab C5		Lab C2		Lab C3	62	Lab C4	C 1	TEST	RETAKE
4B	Lab C2	32	Lab C3		Lab C5		Lab C4	S 3	Lab C1	51		

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

Group	19.02	26.02	05.03	12.03	19.03	26.03	02.04	09.04	16.04	07.05	14.05	21.05
2A	62	Lab C1		Lab C5		Lab C2	C2 (DI)	Lab C3	$\mathbf{S}1$ (MS)	Lab C4		
2B	32	Lab C2		Lab C3		Lab C5	S3 (PJ)	Lab C4	S1 (MS)	Lab C1	TEST	DETAKE
5A	Lab C1	50	Lab C5		Lab C2		Lab C3	62	Lab C4	C 1	IESI	RETAKE
5B	Lab C2	32	Lab C3		Lab C5		Lab C4	S 3	Lab C1	51		

S4 and S5 Seminars (Fridays: 13:20-14:50, Grucy Hall at 4 Lindleya St.)

Group		07.03	14.03	21.03	28.03			
1A		S 4		S 5				
1B		S4		22				
6A			S 4		\$5			
6B			54		20			

S4 and S5 Seminars (Fridays 10:00-11:30, Grucy Hall at 4 Lindleya St.)

Group		07.03	14.03	21.03	28.03			
3A		S1		95				
3B		54		22				
4A			S1		\$5			
4B			54		33			

S4 and S5 Seminars (Fridays 11:40-13:10, Grucy Hall at 4 Lindleya St.)

Group		07.03	14.03	21.03	28.03			
2A		C 4		95				
2B		84		22				
5A			S 4		\$5			
5B			54		33			