English Division, Faculty of Medicine

Biophysics (Spring 2023 Semester)
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.
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 and Seminars S1, S2 and S3, Wednesdays: 9:10 - 11:25

Group	22.02	01.03	08.03	15.03	22.03	29.03	05.04	12.04	19.04	26.04	10.05	17.05
1A	S2	Lab C1	S3	Lab C3	X	Lab C2	S1	Lab C4	X	Lab C5	TEST	RETAKE
1B		Lab C2		Lab C4		Lab C5		Lab C1		Lab C3		
6A	Lab C1	S2	Lab C3	S3	Lab C2	X	Lab C4	S1	Lab C5	X		
6B	Lab C2		Lab C4		Lab C5		Lab C1		Lab C3			

Practical Classes and Seminars S1, S2 and S3, Wednesdays: 11:40 - 13:55

Group	22.02	01.03	08.03	15.03	22.03	29.03	05.04	12.04	19.04	26.04	10.05	17.05
3A	S2	Lab C1	S3	Lab C3	X	Lab C2	S1	Lab C4	X	Lab C5	TEST	RETAKE
3B		Lab C2		Lab C4		Lab C5		Lab C1		Lab C3		
4A	Lab C1	S2	Lab C3	S3	Lab C2	X	Lab C4	S1	Lab C5	X		
4B	Lab C2		Lab C4		Lab C5		Lab C1		Lab C3			

Practical Classes and Seminars S1, S2 and S3, Wednesdays: 14:10 - 16:25

Group	22.02	01.03	08.03	15.03	22.03	29.03	05.04	12.04	19.04	26.04	10.05	17.05
2A	S2	Lab C1	S3	Lab C3	X	Lab C2	S1	Lab C4	X	Lab C5	TEST	RETAKE
2B		Lab C2		Lab C4		Lab C5		Lab C1		Lab C3		
5A	Lab C1	S2	Lab C3	S3	Lab C2	X	Lab C4	S1	Lab C5	X		
5B	Lab C2		Lab C4		Lab C5		Lab C1		Lab C3			

Seminars S4 and S5 Fridays: 10:35-12:50

Group					***24.03***	***31.03***			***21.04***	***28.04***		
1A					S5				S4			
1B												
6A						S5				S4		
6B												

Seminars S4 and S5 Fridays 12:55-15:10

Group					***24.03***	***31.03***			***21.04***	***28.04***		
3A					S5				S4			
3B												
4A						S5				S4		
4B												

Seminars S4 and S5 Fridays 16:45-19:00

Group					***24.03***	***31.03***			***21.04***	***28.04***		
2A					S5				S4			
2B												
5A						S5				S4		
5B												