

Laboratory schedule 6MD 2025/26

Fridays, 12:30-14:45

GROUP	TEACHER	Date → Team ↓	1	2	3	4	5	6	7	8	9	10
			17. 10. 25	24. 10. 25	07. 11. 25	14. 11. 25	21. 11. 25	28. 11. 25	05. 12. 25	12. 12. 25	19. 12. 25	09. 01. 26
S1/1	MGW/AZW	1-2	1	2	3	4	5	6	7	8	9	10
		3		10	11	12	13	2	3	4	5	6
S1/2	AZW/MGW	4-5	1	3	4	5	6	7	8	9	10	11
		6		10	11	12	13	2	3	4	5	6
S1/3	WK/DW	7-8	1	4	5	6	7	8	9	10	11	12
		9		11	12	13	2	3	4	5	6	7
S1/4	DW/WK	10-11	1	5	6	7	8	9	10	11	12	13
		12		11	12	13	2	3	4	5	6	7
S2/1	BMB/MUO	13-14	1	6	7	8	9	10	11	12	13	2
		15		12	13	2	3	4	5	6	7	8
S2/2	MUO/BMB	16-17	1	7	8	9	10	11	12	13	2	3
		18		12	13	2	3	4	5	6	7	8
S2/3	AM/WL	19-20	1	8	9	10	11	12	13	2	3	4
		21		13	2	3	4	5	6	7	8	9
S2/4	WL/AM	22-23	1	9	10	11	12	13	2	3	4	5
		24		2	3	4	5	6	7	8	9	10

Fridays, 15:00-17:15

GROUP	TEACHER	Date → Team ↓	1	2	3	4	5	6	7	8	9	10
			17.	24.	07.	14.	21.	28.	05.	12.	19.	09.
			10.	10.	11.	11.	11.	11.	12.	12.	12.	01.
			25	25	25	25	25	25	25	25	25	26
S3/1	MB/AZW	25-26	1	2	3	4	5	6	7	8	9	10
		27		10	11	12	13	2	3	4	5	6
S3/2	AZW/MB	28-29	1	3	4	5	6	7	8	9	10	11
		30		10	11	12	13	2	3	4	5	6
S3/3	WK/DW	31-32	1	4	5	6	7	8	9	10	11	12
		33		11	12	13	2	3	4	5	6	7
S3/4	DW/WK	34-35	1	5	6	7	8	9	10	11	12	13
		36		11	12	13	2	3	4	5	6	7
S4/1	BMB/MUO	37-38	1	6	7	8	9	10	11	12	13	2
		39		12	13	2	3	4	5	6	7	8
S4/2	MUO/BMB	40-41	1	7	8	9	10	11	12	13	2	3
		42		12	13	2	3	4	5	6	7	8
S4/3	AM/WL	43-44	1	8	9	10	11	12	13	2	3	4
		45		13	2	3	4	5	6	7	8	9
S4/4	WL/AM	46-47	1	9	10	11	12	13	2	3	4	5
		48		2	3	4	5	6	7	8	9	10

Fridays, 17:30-19:45

GROUP	TEACHER	Date → Team	1	2	3	4	5	6	7	8	9	10
			17. 10. 25	24. 10. 25	07. 11. 25	14. 11. 25	21. 11. 25	28. 11. 25	05. 12. 25	12. 12. 25	19. 12. 25	09. 01. 26
S5/1	MB/AMB	49-50	1	2	3	4	5	6	7	8	9	10
		51		10	11	12	13	2	3	4	5	6
S5/2	AMG/MB	52-53	1	3	4	5	6	7	8	9	10	11
		54		10	11	12	13	2	3	4	5	6
S5/3	WK/DW	55-56	1	4	5	6	7	8	9	10	11	12
		57		11	12	13	2	3	4	5	6	7
S5/4	DW/WK	58-59	1	5	6	7	8	9	10	11	12	13
		60		11	12	13	2	3	4	5	6	7
S6/1	BMB/MUO	61-62	1	6	7	8	9	10	11	12	13	2
		63		12	13	2	3	4	5	6	7	8
S6/2	MUO/BMB	64-65	1	7	8	9	10	11	12	13	2	3
		66		12	13	2	3	4	5	6	7	8
S6/3	AM/WL	67-68	1	8	9	10	11	12	13	2	3	4
		69		13	2	3	4	5	6	7	8	9
S6/4	WL/AM	70-71	1	9	10	11	12	13	2	3	4	5
		72		2	3	4	5	6	7	8	9	10

Laboratory Topics

1. Introduction: Principles of physical measurements
2. Estimation of molecular radius –viscosimetry and thin film method
3. Diffusion and osmosis
4. Interaction of light with matter
5. Attenuation of electromagnetic ionizing radiation
6. Audiometry
7. Electromotive force of concentration cell
8. Action potential and formal neuron
9. Chronaxymetry
10. Examination of the behavior of non-stimulated muscle
11. Measurements of the diameter of an erythrocyte by microscope
12. Measurements of the conductivity of blood conductivity
13. Retinoscopy

GROUP	TEACHER	Date → Team	1	2	3	4	5	6	7	8	9	10
			28. 10. 25	30. 10. 25	06. 11. 25	13. 11. 25	20. 11. 25	27. 11. 25	03. 12. 25	10. 12. 25	17. 12. 25	08. 01. 26
S7/1	BMB/WK	73-74	1	2	3	4	5	6	7	8	9	10
		75		10	11	12	13	2	3	4	5	6
S7/2	WK/BMB	76-77	1	3	4	5	6	7	8	9	10	11
		78		10	11	12	13	2	3	4	5	6
			MB	MB	MB	MB	MB	MB	DW	DW	DW	MB
S7/3	MB/DW	79-80	1	4	5	6	7	8	9	10	11	12
		81		11	12	13	2	3	4	5	6	7
			MGW	AMG	AMG	AMG	MGW	AMG	AMG	AMG	AMG	MGW
S7/4	AMG/MGW	82-83	1	5	6	7	8	9	10	11	12	13
		84		11	12	13	2	3	4	5	6	7

G S7:

1	WT	28.10.2025	15:45	18:00
2	CZ	30.10.2025	17:30	19:45
3	CZ	06.11.2025	17:30	19:45
4	CZ	13.11.2025	17:45	20:00
5	CZ	20.11.2025	15:45	18:00
6	CZ	27.11.2025	17:30	19:45
7	ŚR	03.12.2025	15:45	18:00
8	ŚR	10.12.2025	15:45	18:00
9	ŚR	17.12.2025	15:45	18:00
10	CZ	08.01.2026	15:45	18:00

Laboratory Topics

14. Introduction: Principles of physical measurements
15. Estimation of molecular radius –viscosimetry and thin film method
16. Diffusion and osmosis
17. Interaction of light with matter
18. Attenuation of electromagnetic ionizing radiation
19. Audiometry
20. Electromotive force of concentration cell
21. Action potential and formal neuron
22. Chronaxymetry
23. Examination of the behavior of non-stimulated muscle
24. Measurements of the diameter of an erythrocyte by microscope
25. Measurements of the conductivity of blood conductivity
26. Retinoscopy

Lectures /on site/

10.45 -12.15 A.M.

17.10. 2025	10:45-12:15
24.10. 2025	10:45-12:15
07.11. 2025	10:45-12:15
14.11. 2025	10:45-12:15
21.11. 2025	10:45-12:15
28.11. 2025	10:45-12:15
05.12. 2025	10:45-12:15

Seminar schedule 6MD 2025/26

TOPICS:

1. Ultrasonography
2. Ionizing radiation in imaging techniques: X-ray computed tomography (CT), SPECT and PET
3. Biophysics of the visual system
4. Biophysics of the auditory system
5. Biomechanics

group	17.01.25		24.01.25		31.01.25		07.02.25		14.02.25	
	12:15-13:45		12:15-13:45		12:15-13:45		12:15-13:45		12:15-13:45	
S1	1	WL	2	WK	3	DW	4	MUO	5	WK
S2	1	DW	2	AMG	3	AMG	4	WL	5	AMG
S3	1	AM	2	MGW	3	BMB	4	AM	5	WL
S4	1	MUO	2	BMB	3	MUO	4	DW	5	AM
	14:15-15:45		14:15-15:45		14:15-15:45		14:15-15:45		14:15-15:45	
S5	1	WK	2	WK	3	DW	4	MUO	5	WK
S6	1	DW	2	MUO	3	AMG	4	WL	5	AMG
S7	1	AM	2	MGW	3	BWB	4	AM	5	WL

Online seminar quizzes SOLAT

group	16.01.26	23.01.26	30.01.26	06.02.26	13.02.26
All groups	11:30 - 11:40	11:30 - 11:40	11:30 - 11:40	11:30 - 11:40	11:30 - 11:40

Integrative test: 27.02.2025 @ 15:30-16:30

Retake of Integrative: 06.03.2025 @ 15:30-16:30

Examination 18.04.2025 @ 16:30-18:00

Retake #1 10.04.2025 @ 16:30-18:00

Retake #2 23.04.2025

@ 14:00 – 15:30