



CALENDAR-THEMATIC SCHEDULE OF LECTURES

on a subject **BIOPHYSICS, PHYSICAL METHODS OF**

ANALYSIS for 1st year students

of speciality **226 Pharmacy, industrial pharmacy** ФМ22*(4.10Д)АНГЛ-01-02

(Specialty Title and Code)

(group code)

spring semester, 2021-2022

№	Date	The topic of the lecture	Number of hours	Lecturer
Content module 1. Fundamentals of General Biophysics				
1.	18.02.2022	Mechanical oscillations and waves. Biophysics of muscle contraction.	1	Dr. Ihor Krasovskyi
2.	18.02.2022	Molecular Physics. Thermodynamics.	1	Dr. Ihor Krasovskyi
3.	04.03.2022	Thermodynamics of biological processes. Molecular Biophysics.	1	Dr. Ihor Krasovskyi
4.	04.03.2022	Biophysics of vision. Biophysics of hearing.	1	Dr. Ihor Krasovskyi
5.	18.03.2022	Transport of substances through biological membranes.	1	Dr. Ihor Krasovskyi
Content module 2. Fundamentals of Applied Biophysics				
6.	18.03.2022	Hydrostatics and hydrodynamics. Biophysics of the blood system.	1	Dr. Ihor Krasovskyi
7.	01.04.2022	Electromagnetism Biophysics of nerve impulses.	1	Dr. Ihor Krasovskyi
8.	01.04.2022	Nuclear physics. The action of physical factors on biological objects. Own physical fields of human.	1	Dr. Ihor Krasovskyi
9.	15.04.2022	Mathematical Biophysics.	1	Dr. Ihor Krasovskyi
10.	15.04.2022	Physical methods of analysis.	1	Dr. Ihor Krasovskyi
Total:			10	

Note: the lecture is going on Friday at 08.30 hours in room № online
(weekday) (lecture time) (room number)

ZOOM Conference ID: 728 3007 2783; Password: 0rewKf

Head of Department of Educational
and Information Technologies,
Professor


(Signature)

Lidiia Kaidalova



CALENDAR-THEMATIC SCHEDULE OF
PRACTICAL CLASSES

on a subject **BIOPHYSICS, PHYSICAL METHODS OF
ANALYSIS** for 1st year students

of speciality **226 Pharmacy, industrial pharmacy** ФМ22*(4.10Д)АНГЛ-01-02

(Specialty Title and Code)

(group code)

spring semester, 2021-2022

№	Date	The topic of the lesson	Number of hours	The system of assessment, scores	
				min	max
Content module 1. Fundamentals of General Biophysics					
1.	18.02.2022	Mechanical oscillations and waves. Biophysics of muscle contraction.	4	3	5
2.	04.03.2022	Molecular Physics. Thermodynamics.	4	3	5
3.	18.03.2022	Thermodynamics of biological processes. Molecular Biophysics.	4	3	5
4.	01.04.2022	Biophysics of vision. Biophysics of hearing.	4	3	5
5.	15.04.2022	Transport of substances through biological membranes.	4	3	5
Thematic module control № 1				3	5
Total in 1st content module:			20	18	30
Content module 2. Fundamentals of Applied Biophysics					
6.	29.04.2022	Hydrostatics and hydrodynamics. Biophysics of the blood system.	4	3	5
7.	13.05.2022	Electromagnetism. Biophysics of nerve impulses.	4	3	5
8.	27.05.2022	Nuclear physics. The action of physical factors on biological objects. Own physical fields of human.	4	3	5
9.	10.06.2022	Mathematical Biophysics.	4	3	5
10.	24.06.2022	Physical methods of analysis.	2	3	5
Thematic module control № 2				3	5
Total in 2nd content module:			18	18	30
TOTAL			38	36	60
	24.06.2022	THE FINAL MODULAR CONTROL	2	24	40
		<i>Increase rating from the module: «Biophysics, physical methods of analysis»</i>			
TOTAL FOR THE STUDY OF THE MODULE			40	60	100

Head of Department of Educational
and Information Technologies,
Professor


 (Signature)

Lidiia KAIDALOVA