



CALENDAR-THEMATIC SCHEDULE OF LECTURES

on a subject **STATISTICAL METHODS IN PHARMACY**

for 2nd year students

of speciality **226 Pharmacy, industrial pharmacy** ФМ20(4.10Д)АНГЛ-01-12

(Specialty Title and Code)

(group code)

spring semester, 2021-2022

№	Date	The topic of the lecture	Number of hours	Lecturer
Content module 1. Theory of statistical research in pharmacy				
1.	01.02.2022	Methods of pre-processing and exploratory analysis of quantitative and qualitative data. Descriptive statistics. Histogram, box plot, visualization.	1	Dr. Ihor Krasovskyi
2.	15.02.2022	Discrete and continuous random variables probability distributions. Testing for outliers.	1	Dr. Ihor Krasovskyi
3.	01.03.2022	Statistical inference method. Statistical criteria, their significance and power. Confidence probability and p-level.	1	Dr. Ihor Krasovskyi
4.	15.03.2022	Goodness of fit. Normality tests.	1	Dr. Ihor Krasovskyi
5.	29.03.2022	Parametric and Non-parametric tests for comparing two or more independent groups.	1	Dr. Ihor Krasovskyi
6.	12.04.2022	Parametric and Non-parametric tests for comparing two or more dependent groups.	1	Dr. Ihor Krasovskyi
7.	26.04.2022	Analysis of variance (ANOVA). Kruskal–Wallis one-way analysis of variance.	1	Dr. Ihor Krasovskyi
8.	10.05.2022	Correlation and regression analysis.	1	Dr. Ihor Krasovskyi
9.	24.05.2022	Correlation analysis of qualitative data. Contingency table. Chi-square test, Fisher's exact test.	1	Dr. Ihor Krasovskyi
Total:			9	

Note: the lecture is going on Tuesdays at 11.20 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,


(Signature)

Prof. Lidiia Kaidalova



CALENDAR-THEMATIC SCHEDULE OF PRACTICAL CLASSES

on a subject **STATISTICAL METHODS IN PHARMACY**

for 2nd year students

of speciality **226 Pharmacy, industrial pharmacy** ФМ20(4.10Д)АНГЛ-01-12

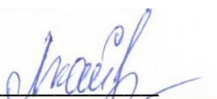
(Specialty Title and Code)

(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. Theory of statistical research in pharmacy					
1.	04.04.2022-07.06.2022	Methods of pre-processing and exploratory analysis of quantitative and qualitative data. Descriptive statistics. Histogram, box plot, visualization.	4	4	7
2.		Discrete and continuous random variables probability distributions. Testing for outliers.	4	4	7
3.		Statistical inference method. Statistical criteria, their significance and power. Confidence probability and p-level.	2	2	3.5
4.		Goodness of fit. Normality tests.	2	2	3.5
5.		Parametric and Non-parametric tests for comparing two or more independent groups.	4	4	7
6.		Parametric and Non-parametric tests for comparing two or more dependent groups.	4	4	7
7.		Analysis of variance (ANOVA). Kruskal–Wallis one-way analysis of variance.	4	4	7
8.		Correlation and regression analysis.	2	2	3,5
9.		Correlation analysis of qualitative data. Contingency table. Chi-square test, Fisher's exact test.	2	2	3,5
Thematic module control № 1				8	11
Total in 1st content module:			28	36	60
TOTAL			28	36	60
	06.06.2022-	THE FINAL MODULE CONTROL	2	24	40
	17.06.2022	Increase rating from the module: «Statistical Methods in Pharmacy»			
TOTAL FOR THE STUDY OF THE MODULE			30	60	100

Head of Department of Educational
and Information Technologies,


(Signature)

Prof. Lidiia Kaidalova