



CALENDAR-THEMED PLAN OF LABORATORY CLASSES
in **Pharmacognosy with the basics of resource science** for 3rd year students 22 «Public health» 226 «Pharmacy, industrial pharmacy», educational program «Pharmacy»

ΦM20(4,10Д) English 01-10 groups

(autumn semester, 2022-2023)

№	Date	Topic of the class	Amount of hours, type of class	System of knowledge evaluation, points	
				min	max
SUBSTANTIAL MODULE 1.					
1.	01.09-02.09	Chemical, morphological and anatomical analysis of MPM containing carbohydrates.	3 Lab	1	2
2.	05.09-09.09	Chemical, morphological and anatomical analysis of MPM containing lipids and lipoids.	3 Lab	1	2
3.	12.09-16.09	Chemical, morphological and anatomical analysis of MPM containing vitamins.	3 Lab	1	2
4.	19.09-23.09	Chemical, morphological and anatomical analysis of MPM containing organic acids and compounds of silicon.	3 Lab	1	2
5.	26.09-30.10	<i>Control of the SM 1</i>	3 Lab	26	42
6.	03.10-07.10	<i>Rating increase of Control of the SM 1</i>	3 Lab		
Total on the SM 1				30	50
SUBSTANTIAL MODULE 2.					
7.	10.10-14.10	Chemical, morphological and anatomical analysis of MPM containing iridoids and other bitters.	3 Lab	1	2
8.	17.10-21.10	Chemical analysis of MPM containing essential oils.	3 Lab	1	2
9.	24.10-28.10	Chemical, morphological and anatomical analysis of MPM containing monoterpenoids.	3 Lab	1	2
10.	31.10-04.11	Chemical, morphological and anatomical analysis of MPM containing sesquiterpenoids.	3 Lab	1	2
11.	07.11-11.11	Chemical, morphological and anatomical analysis of MPM containing aromatic compounds.	3 Lab	1	2
12.	14.11-18.11	Chemical and morphological analysis of MPM containing resins and balsams.	3 Lab	1	2
13.	21.11-25.11	Chemical, morphological and anatomical analysis of MPM containing steroids, triterpenoids, saponins.	3 Lab	1	2
14.	28.11-02.12	Chemical, morphological and anatomical analysis of MPM containing steroids, triterpenoids, saponins.	3 Lab	1	2
15.	05.12-09.12	Chemical, morphological and anatomical analysis of MPM containing cardiac glycosides.	3 Lab	1	2
16.	12.12-16.12	Chemical, morphological and anatomical analysis of MPM containing cardiac glycosides.	3 Lab	1	2
17.	19.12-23.12	<i>Control of the SM 2</i>	3 Lab	20	30
Total on the SM 2				30	50
18.	09.01-3.01. 2023	<i>Semester credit from module 1</i>	3 Lab		
TOTAL FOR MODULE 1			Lab-54	60	100

Head of the Department of
Chemistry of Natural Compounds
and Nutritiology, Professor

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Student workload in hours

Total	Credit	Lectures	Classes	Independent work	National scale
120	4,0	16	54	50	Credit For example (91-credit-A)

Note. Assessment of **current rating (CR)** of students **at each class** is carried out according to the scale: 0-59% - 0 points, 60-73% - 1 point, 74-100% - 2 points. Evaluation of the **SM № 1**, **SM № 2** is carried out by the sum of the current rating and control works from the modules.

<u>% SM № 1</u>	<u>Points</u>
90-100	38-42
74-89	31-37
60-73	26-30
0-59	0-25

<u>% SM № 2</u>	<u>Points</u>
90-100	28-30
74-89	23-27
60-73	20-22
0-59	0-19

Rating from module 1 (per semester) = SM №1 + SM № 2