CALENDAR-THEMED PLAN OF LABORATORY CLASSES

from the educational component **«Pharmacognosy with the basics of resource science»** for 3rd year students 22 «Health care» 226 «Pharmacy, industrial pharmacy», educational program «Pharmacy»

Фм23*(4,10д) English 1 group

(spring semester, 2024-2025)

№	Date	Lesson Name	Volume in hours Type of activity	Knowledge Assessment System, points	
				min	max
CONTENT MODULE 1. GENERAL PART OF PHARMACOGNOSY. MEDICINAL PLANTS AND NATURAL RAW MATERIALS CONTAINING CARBOHYDRATES, THIO- AND CYANOGLYCOSIDES, LIPIDS, PROTEINS, VITAMINS, ORGANIC ACIDS.					
1.	13.02.2025	Chemical, morphological and anatomical analysis of MPM containing carbohydrates.	*3 Lab*	1	2
2.	20.02.2025	Chemical, morphological and anatomical analysis of MPM containing lipids and lipoids.	*3 Lab*	1	2
3.	27.02.2025	Chemical, morphological and anatomical analysis of MPM containing vitamins.	*3 Lab*	1	2
4.	06.03.2025	Chemical, morphological and anatomical analysis of MPM containing organic acids and compounds of silicon.	*3 Lab*	1	2
5.	13.03.2025	*Final test of CM 1 assimilation*	*3 Lab*	*26*	*42*
6	20.03.2025		*3 Lab*		
		Total from CM 1:		**30**	**50**
CONTENT MODULE 2. MEDICINAL PLANTS AND NATURAL RAW MATERIALS THAT CONTAIN ISOPRENOIDS (MONOTERPENE GLYCOSIDES, BITTERS, ESSENTIAL OILS, TRITERPENOIDS, STEROIDS, SAPONINS AND CARDIAC GLYCOSIDES).					
7.	27.03.04	Chemical, morphological and anatomical analysis of MPM containing iridoids and other bitters.	*3 Lab*	1	2
8	03.04.2025	Chemical analysis of MPM containing essential oils.	*3 Lab*	1	2
9.	10.04.2025	Chemical, morphological and anatomical analysis of MPM containing monoterpenoids.	*3 Lab*	1	2
10	17.04.2025	Chemical, morphological and anatomical analysis of MPM containing sesquiterpenoids	*3 Lab*	1	2
11.	24.04.2025	Chemical, morphological and anatomical analysis of MPM containing aromatic compounds.	*3 Lab*	1	2
12	01.05.2025	Chemical and morphological analysis of MPM containing resins and balsams.	*3 Lab*	1	2
13.	08.05.2025	Chemical, morphological and anatomical analysis of MPM containing steroids, triterpenoids, saponins.	*3 Lab*	1	2
14.	15.05.2025	Chemical, morphological and anatomical analysis of MPM containing steroids, triterpenoids, saponins.	*3 Lab*	1	2
15.	22.05.2025	Chemical, morphological and anatomical analysis of MPM containing cardiac glycosides.	*3 Lab*	1	2
16.	29.05.2025	Chemical, morphological and anatomical analysis of MPM containing cardiac glycosides.	*3 Lab*	1	2
17.	06.06.2025	*Final test of CM 2 assimilation*	*3 Lab*	*20*	*30*
		Total from CM 2:		**30**	**50**
18.	**12.06.2025**	***Semester credit from module 1***	*3 Lab*		
		THE WHOLE AMOUNT OF HOURS FOR THE MODULE 1	**Lab-54**	**60**	**100**

Head of the Department of Pharmacognosy and Nutritiology, Professor — Viktoriia KYSLYCHENKO

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 **CM № 1**, **CM № 2** is carried out by the sum of the current rating and control works from the modules.

%, ***Final test of CM 1 assimilation***	**Points**
90-100	38-42
74-89	31-37
60-73	26-30
0-59	0-25

%, ***Final test of CM 2 assimilation***	**Points**
90-100	28-30
74-89	23-27
60-73	20-22
0-59	0-19

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