



Ф А1.1-32-114

**CALENDAR-THEMED PLAN OF LABORATORY CLASSES**  
in Pharmacognosy for 3<sup>rd</sup> year students 22 «Public health» 226 «Pharmacy, industrial pharmacy», educational program «Pharmacy»

**ФМ19(4,10д) English 1-8 groups**

(spring semester, 2021-2022)

№	Date	Topic of the class	Amount of hours, type of class	System of knowledge evaluation, points	
				min	max
SUBSTANTIAL MODULE 3. METHODS OF PHARMACOGNOSTIC ANALYSIS. MEDICINAL PLANTS, RAW MATERIAL OF HERBAL AND ANIMAL ORIGIN CONTAINING PHENOLIC COMPOUNDS					
1.	31.01-04.02	Chemical, morphological and anatomical analysis of MPM containing simple phenolics and their glycosides, lignans, xanthenes.	4 Lab	1	2
2.	07.02-11.02	Chemical, morphological and anatomical analysis of MPM containing coumarins and chromones.	4 Lab	1	2
3.	14.02-18.02	Chemical, morphological and anatomical analysis of MPM containing flavonoids – I.	4 Lab	1	2
4.	21.02-25.02	Chemical, morphological and anatomical analysis of MPM containing flavonoids – II.	4 Lab	1	2
5.	28.02-04.03	Chemical, morphological and anatomical analysis of MPM containing anthracene derivatives.	4 Lab	1	2
6.	07.03-11.03	Chemical, morphological and anatomical analysis of MPM containing anthracene derivatives.	4 Lab	1	2
7.	14.03-18.03	Chemical, morphological and anatomical analysis of MPM containing tannins.	4 Lab	1	2
8.	21.03-25.03	Chemical, morphological and anatomical analysis of MPM containing tannins.	4 Lab	1	2
9.	28.03-01.04	Control of the SM 3	4 Lab	10	14
Total on the SM 3				18	30
SUBSTANTIAL MODULE 4. MEDICINAL PLANTS, RAW MATERIAL OF HERBAL AND ANIMAL ORIGIN CONTAINING ALKALOIDS. MP AND MPM, CONTAINING DIFFERENT GROUPS OF BAC. ANIMAL-DERIVED RAW MATERIAL. DETERMINATION OF IDENTITY AND QUALITY OF MPM					
10.	04.04-08.04	Chemical, morphological and anatomical analysis of MPM containing alkaloids – I.	4 Lab	1	2
11.	11.04-15.04	Chemical, morphological and anatomical analysis of MPM containing alkaloids – II.	4 Lab	1	2
12.	18.04-22.04	Chemical, morphological and anatomical analysis of MPM containing alkaloids – III.	4 Lab	1	2
13.	25.04-29.04	MP and MPM, containing different groups of BAC.	4 Lab	1	2
14.	02.05-06.05	Animal-derived raw material.	4 Lab	1	2
15.	09.05-13.05	Determination of identity and quality of MPM	4 Lab	1	2
16.	16.05-20.05	Control of the SM 4	4 Lab	12	18
Total on the SM 4				18	30
17.	23.05-27.05	Final module control of Module 2.30.0	4 Lab	25	40
TOTAL FOR MODULE 1			Lab-68	61	100

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### Student workload in hours

Total	Credit	Lectures	Laboratory	Independent work	National scale
127,5	4,25	8	68	51,5	Credit (90-passed-A)

**Note.** Assessment of current rating (CR) of students at each class is carried out according to the scale: 0-60% - 0 points, 61-73% - 1 point, 74-100% - 2 points. Evaluation of the **SM # 3, # 4** is carried out by the sum of the current rating and control works from the modules.

% <u>SM № 3</u>	Points
90-100	14
74-89	12-13
61-73	10-11
0-60	0-9

% <u>SM № 4</u>	Points
90-100	17-18
74-89	14-16
61-73	12-13
0-60	0-11

% <b>FINAL CONTROL</b>	Points
90-100	36-40
74-89	31-35
61-73	25-30
0-60	0-24

**Rating from module 2 (per semester) = SM №3 + SM № 4 + FINAL CONTROL**