



CALENDAR-THEMED PLAN OF LABORATORY CLASSES
**in Pharmacognosy for 2nd year students 22 «Public health» 226 «Pharmacy, industrial
pharmacy», educational program «Pharmacy»**
Фм*20(4,10 д) English 01group
(*spring semester, 2021-2022*)

| № | Date | Topic of the class | Amount of hours, type of class | System of knowledge evaluation, points | |
|------------------------------|-------------|---|---|---|------------|
| | | | | min | max |
| SUBSTANTIAL MODULE 1. | | | | | |
| 1. | 07.02 | Chemical, morphological and anatomical analysis of MPM containing carbohydrates. | 4 <i>Lab</i> | 1 | 2 |
| 2. | 14.02 | Chemical, morphological and anatomical analysis of MPM containing lipids and lipoids. | 4 <i>Lab</i> | 1 | 2 |
| 3. | 21.02 | Chemical, morphological and anatomical analysis of MPM containing vitamins. | 4 <i>Lab</i> | 1 | 2 |
| 4. | 28.02 | Chemical, morphological and anatomical analysis of MPM containing organic acids and compounds of silicon. | 4 <i>Lab</i> | 1 | 2 |
| 5. | 14.03 | <i>Control of the SM 1</i> | 4 <i>Lab</i> | 14 | 22 |
| <i>Total on the SM 1</i> | | | | 18 | 30 |
| SUBSTANTIAL MODULE 2. | | | | | |
| 6. | 21.03 | Chemical, morphological and anatomical analysis of MPM containing iridoids and other bitters. | 4 <i>Lab</i> | 1 | 2 |
| 7. | 28.03 | Chemical, morphological and anatomical analysis of MPM containing essential oils, monoterpenoids. | 4 <i>Lab</i> | 1 | 2 |
| 8. | 04.04 | Chemical, morphological and anatomical analysis of MPM containing sesquiterpenoids. | 4 <i>Lab</i> | 1 | 2 |
| 9. | 11.04 | Chemical, morphological and anatomical analysis of MPM containing aromatic compounds. | 4 <i>Lab</i> | 1 | 2 |
| 10. | 18.04 | Chemical and morphological analysis of MPM containing resins and balsams. | 4 <i>Lab</i> | 1 | 2 |
| 11. | 16.05 | Chemical, morphological and anatomical analysis of MPM containing steroids, triterpenoids, saponins. | 4 <i>Lab</i> | 1 | 2 |
| 12. | 23.05 | Chemical, morphological and anatomical analysis of MPM containing cardiac glycosides. | 4 <i>Lab</i> | 1 | 2 |
| 13. | 30.05 | <i>Control of the SM 2</i> | 4 <i>Lab</i> | 11 | 16 |
| <i>Total on the SM 2</i> | | | | 18 | 30 |
| 14. | 06.06 | <i>Final module control of Module 1.</i> | 2 <i>Lab</i> | 25 | 40 |
| TOTAL FOR MODULE 1 | | | | Lab-54 | 61 |
| 100 | | | | | |

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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: 0-60% - 0 points, 61-73% - 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.

| % SM № 1 | Points |
|-----------------|--------|
| 90-100 | 21-22 |
| 74-89 | 17-20 |
| 61-73 | 14-16 |
| 0-60 | 0-13 |

| % SM № 2 | Points |
|-----------------|--------|
| 90-100 | 15-16 |
| 74-89 | 13-14 |
| 61-73 | 11-12 |
| 0-60 | 0-10 |

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

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