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| logo ХПС-укр | Ф А1.1-26-114CALENDAR-THEMED PLAN OF LABORATORY CLASSES in Pharmacognosy for 2nd year students 22 Public health 226 «Pharmacy, industrial parmacy», educational program «Pharmacy for foreing students» Фм18\*(5,0д) англ 1, 2 groups *(spring semester, 2019-2020)* |

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| ***№*** | **Date** | **Topic of the class** | **Amount of hours, type of class** | **System of knowledge evaluation, points** |
| **min** | **max** |
| **SUBSTANTIAL MODULE 1.**  |
| 1. | 05.02 - groups 107.02 - groups 2 | Chemical, morphological and anatomical analysis of MPM containing carbohydrates. | *3**Lab* | 1 | 2 |
| 2. | 12.02 - groups 114.02 - groups 2 | Chemical, morphological and anatomical analysis of MPM containing lipids and lipoids. | *3**Lab* | 1 | 2 |
| 3. | 19.02 - groups 121.02 - groups 2 | Chemical, morphological and anatomical analysis of MPM containing vitamins. | *3**Lab* | 1 | 2 |
| 4. | 26.02 - groups 128.02 - groups 2 | Chemical, morphological and anatomical analysis of MPM containing organic acids and compounds of silicon. | *3**Lab* | 1 | 2 |
| 5. | 04.03 - groups 106.03 - groups 2 | *Control of the SM 1* | *3**Lab* | *14* | *22* |
| ***Total on the SM 1*** | **18** | **30** |
| **SUBSTANTIAL MODULE 2.**  |
| 6. | 11.03 - groups 113.03 - groups 2 | Chemical, morphological and anatomical analysis of MPM containing iridoids and other bitters. | *3**Lab* | 1 | 2 |
| 7. | 18.03 - groups 120.03 - groups 2 | Chemical, morphological and anatomical analysis of MPM containing essential oils. | *3**Lab* | 1 | 2 |
| 8. | 25.03 - groups 127.03 - groups 2 | Chemical, morphological and anatomical analysis of MPM containing monoterpenoids. | *3**Lab* | 1 | 2 |
| 9. | 01.04 - groups 103.04 - groups 2 | Chemical, morphological and anatomical analysis of MPM containing sesquiterpenoids.  | *3**Lab* | 1 | 2 |
| 10. | 08.04 - groups 110.04 - groups 2 | Chemical, morphological and anatomical analysis of MPM containing aromatic compounds.  | *3**Lab* | 1 | 2 |
| 11. | 15.04 - groups 117.04 - groups 2 | Chemical and morphological analysis of MPM containing resins and balsams. | *3**Lab* | 1 | 2 |
| 12. | 22.04 - groups 124.04 - groups 2 | Chemical, morphological and anatomical analysis of MPM containing steroids, triterpenoids, saponins.  | *3**Lab* | 1 | 2 |
| 13. | 29.04 - groups 101.05 - groups 2 | Chemical, morphological and anatomical analysis of MPM containing steroids, triterpenoids, saponins.  | *3**Lab* | 1 | 2 |
| 14. | 06.05 - groups 108.05 - groups 2 | Chemical, morphological and anatomical analysis of MPM containing cardiac glycosides | *3**Lab* | 1 | 2 |
| 15. | 13.05 - groups 115.05 - groups 2 | Chemical, morphological and anatomical analysis of MPM containing cardiac glycosides | *3**Lab* | 1 | 2 |
| 16. | 20.05 - groups 122.05 - groups 2 | *Control of the SM 2* | *3**Lab* | *8* | *10* |
| ***Total on the SM 2*** | **18** | **30** |
| **17.** | **27.05 - groups 1****29.05 - groups 2** | ***Final module control of Module 1.*** | *3**Lab* | 25 | 40 |
| **18.** | **03.06 - groups 1****05.06 - groups 2** | ***Rating increase of module control of Module 1.*** | *3**Lab* |
| **TOTAL FOR MODULE 1** | **Lab-54** | **61** | **100** |

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

Professor V.S. Kyslychenko

**Обсяг роботи студентів в годинах**

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| **Всього** | **Кредити** | **Лекції** | **Семінарські заняття** | **Лабораторні заняття** | **Самостійна робота** | **Національна шкала** |
| 135 | 4,5 | 18 | - | 54 | 63 | Залік(90 – зарах - А) |

**Примітка.** Оцінювання **поточного рейтингу (ПР)** студентів **на кожному занятті** здійснюється згідно обсягу засвоєння матеріалу за шкалою: 0-60% – **0** балів, 61-73% – **1** бал, 74-100% – **2** бали. Оцінювання **ЗМ №1,** **№2** здійснюється за сумою поточного рейтингу та контрольних робіт з модулів.

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| **% засвоєння матеріалу з контрольних робіт****ЗМ № 1**  | **Бали**  |  | **% засвоєння матеріалу з контрольних робіт****ЗМ № 2** | **Бали**  |  | **% засвоєння матеріалу Підсумковий контроль** | **Бали**  |
| 90-100 | 21-22 |  | 90-100 | 10 |  | 90-100 | 36-40 |
| 74-89 | 17-20 |  | 74-89 | 9 |  | 74-89 | 31-35 |
| 61-73 | 14-16 |  | 61-73 | 8 |  | 61-73 | 25-30 |
| 0-60 | 0-13 |  | 0-60 | 0-7 |  | 0-60 | 0-24 |

Рейтинг з **модулю 1 (М 1)** (за весняний семестр) = ЗМ № 1 + ЗМ № 2 + Підсумковий контроль