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| logo ХПС-укр | Ф А1.1-26-114  CALENDAR-THEMED PLAN OF LABORATORY CLASSES  in Pharmacognosy for 3rd year students 22 Public health 226 «Pharmacy, industrial parmacy», educational program «Pharmacy» Фм18\*(5,0д) англ 1, 2 groups  *(autumn semester, 2020-2021)* |

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| ***№*** | **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** **SIMPLE PHENOLICS AND THEIR GLYCOSIDES, LIGNANS, XANTHONES, COUMARINS, CHROMONES, FLAVONOIDS, ANTHRAQUINONES, TANNINS** | | | | | |
| 1. | 01.09 | Chemical, morphological and anatomical analysis of MPM containing simple phenolics and their glycosides, lignans, xanthones. | *3*  *Lab* | 1 | 2 |
| 2. | 08.09 | Chemical, morphological and anatomical analysis of MPM containing coumarins and chromones. | *3*  *Lab* | 1 | 2 |
| 3. | 15.09 | Chemical, morphological and anatomical analysis of MPM containing flavonoids – I. | *3*  *Lab* | 1 | 2 |
| 4. | 22.09 | Chemical, morphological and anatomical analysis of MPM containing flavonoids – II. | *3*  *Lab* | 1 | 2 |
| 5. | 29.09 | Chemical, morphological and anatomical analysis of MPM containing anthracene derivatives. | *3*  *Lab* | 1 | 2 |
| 6. | 06.10 | Chemical, morphological and anatomical analysis of MPM containing anthracene derivatives. | *3*  *Lab* | 1 | 2 |
| **7.** | 13.10 | Chemical, morphological and anatomical analysis of MPM containing tannins. | *3*  *Lab* | 1 | 2 |
| 8. | 20.10 | Chemical, morphological and anatomical analysis of MPM containing tannins. | *3*  *Lab* | 1 | 2 |
| **9.** | **27.10** | *Control of the SM 3* | *3*  *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. | 03.11 | Chemical, morphological and anatomical analysis of MPM containing alkaloids – І. | *3*  *Lab* | 1 | 2 |
| 11. | 10.11 | Chemical, morphological and anatomical analysis of MPM containing alkaloids – II. | *3*  *Lab* | 1 | 2 |
| 12. | 17.11 | Chemical, morphological and anatomical analysis of MPM containing alkaloids – III. | *3*  *Lab* | 1 | 2 |
| 13. | 24.11 | MP and MPM, containing different groups of BAC. | *3*  *Lab* | 1 | 2 |
| 14. | 01.12 | Animal-derived raw material. | *3*  *Lab* | 1 | 2 |
| 15. | 08.12 | Determination of Identity and Quality of MPM | *3*  *Lab* | 1 | 2 |
| 16. | 15.12 | *Control of the SM 4* | *3*  *Lab* | *12* | *18* |
| ***Total on the SM 4*** | | | | **18** | **30** |
| **17.** | **22.12** | ***Final module control of Module 2.*** | *3*  *Lab* | **25** | **40** |
| **18.** | **12.01** | ***Final module control of Module 2.*** | *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** |
| 112,5 | 3,75 | 16 | - | 54 | 42,5 | Credit  (90-passed-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 №3,** **№4** здійснюється за сумою поточного рейтингу та контрольних робіт з модулів.

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| --- | --- | --- | --- | --- | --- | --- | --- |
| **% засвоєння матеріалу з контрольних робіт**  **ЗМ № 3** | **Бали** |  | **% засвоєння матеріалу з контрольних робіт**  **ЗМ № 4** | **Бали** |  | **% засвоєння матеріалу Підсумковий контроль** | **Бали** |
| 90-100 | 14 |  | 90-100 | 17-18 |  | 90-100 | 36-40 |
| 74-89 | 12-13 |  | 74-89 | 14-16 |  | 74-89 | 31-35 |
| 61-73 | 10-11 |  | 61-73 | 12-13 |  | 61-73 | 25-30 |
| 0-60 | 0-9 |  | 0-60 | 0-11 |  | 0-60 | 0-24 |

Рейтинг з **модулю 2 (М 2)** (за осінній семестр) = ЗМ № 3 + ЗМ № 4 + Підсумковий контроль