



MINISTRY OF HEALTH OF UKRAINE  
NATIONAL UNIVERSITY OF PHARMACY  
Department of Pharmacognosy and Nutriciology



Selective educational component  
**"Pharmacognostic analysis of new MPM"**  
educational program «Pharmacy»  
specialty «226 Pharmacy, industrial pharmacy»





## *Pharmacognostic analysis of new MPM*

*The **subject** of the study of the educational component "Pharmacognostic analysis of new MPM" is the study of the chemical composition of new types of plants and plant raw materials with the aim of creating phytopreparations and DS based on BAS.*



# *The purpose of studying Pharmacognostic analysis of new MPM*

There is an opportunity to learn the methods of pharmacognostic screening of LRS, taking into account the current legal status in Ukraine and the world in the field of the production of phytoremedies, methods of preparation of various medicinal forms, as well as the ability to find and identify official and unofficial medicinal plants in nature by morphological signs, periods of their rational harvesting, conditions drying and use, which is necessary in the practical activity of a pharmacist.





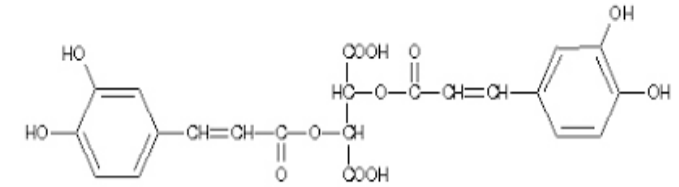
# *What does the Pharmacognostic analysis of the new MPM study?*

1

methods of pharmacognostic screening

2

medicinal plants and substances of animal origin, which are promising sources of BAS, and can be used to create new phytoremedies



# *The educational component "Pharmacognostic analysis of new MPM" ensures that students acquire the following competencies:*



- **Integral:** the ability to solve typical and complex specialized tasks and practical problems in professional pharmaceutical activity in the field of health care on a socially oriented basis or in the learning process, which involves conducting chemical, biopharmaceutical, biomedical, sociological, etc. research and/or implementation of innovations and is characterized by uncertainty of conditions and requirements; integrate knowledge, critically think and solve complex issues, make decisions in difficult unpredictable conditions, formulate judgments in the presence of incomplete or limited information, taking into account aspects of social and ethical responsibility; clearly and unambiguously convey your conclusions and knowledge, rationally substantiating them, to a professional and non-specialist audience.
- **General:** Knowledge and understanding of the subject area and understanding of professional activity.
- **Professionals:** Ability to organize and harvest medicinal plant raw materials in accordance with the rules of the Good Practice of Cultivation and Collection of Raw Materials of Plant Origin (GACP), as a guarantee of the quality of medicinal plant raw materials and medicinal products based on them. The ability to predict and calculate ways to solve the problem of preservation and protection of thickets of wild medicinal plants, in accordance with current legislation.  
Ability to develop methods of quality control of medicinal products, including active pharmaceutical ingredients, medicinal plant raw materials and auxiliary substances using physical, chemical, physico-chemical, biological, microbiological, pharmacotechnological and pharmaco-organoleptic control methods.

# THANK YOU FOR YOUR ATTENTION!



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