



ФАРМАЦЕВТИЧЕН ФАКУЛТЕТ МЕДИЦИНСКИ УНИВЕРСИТЕТ - СОФИЯ

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Approved by the Faculty Council with protocol № 10/ 30.11.2023

Dean:

(Prof. A. Zlatkov, DSc)

SYLLABUS

FOR THE ELECTIVE COURSE “COSMETICS”

**DEPARTMENT OF PHARMACEUTICAL TECHNOLOGY AND
BIOPHARMACEUTICS**

Included in the curriculum of the specialty: **Pharmacy**

Degree of education: **Master**

Credits (ECTS): **6**

ANNOTATION

The lectures aim to introduce students with the basic principles of design, characterization and control of cosmeceutical and decorative cosmetic products. Students will be introduced to the basic anatomical and physiological features of the skin, skin types, as well as the factors influencing skin permeation. The main groups of cosmetic products and the technological schemes for their preparation will be discussed. This will enable students to:

- Understand the concept of design of optimal cosmetic and dermatological products.
- Prepare different types of cosmetic products.
- Learn the concept of safety of cosmetic products.
- Study the new trends in cosmetic and skin care industry and specificity of nanocosmetics.
- Special attention will also be given to legislation and control of cosmetic products.

SYLLABUS

1. Introduction to cosmetics
2. Anatomical and physiological features of the skin
3. Classification of skin types.
3. Classification of cosmetic products.
4. Types of excipients used in the preparation of cosmetic products.
5. Cosmetic products for skin cleansing.
6. Cosmetic products for sun protection.
7. Cosmetic products for hydrating and toning the skin.
8. Cosmetic products for acne and sensitive skin.
9. Cosmetic products with "anti-aging" effect.
10. Anti-cellulite cosmetic products.
11. Paediatric cosmetics.
12. Hair cosmetics
13. Oral hygiene cosmetics.
14. Deodorants and antiperspirants.
15. Nanocosmetics - products based on nanosized carriers.

The program was prepared by:

Prof. Bistra Kostova, PhD

Prof. Denitsa Momekova, PhD

Head of the Department:

Prof. Krasimira Yoncheva, PhD, DSc