

SYLLABUS

1. Course title:

COSMETIC PRODUCTS I

2. Code:

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3. Cycle of study:

I

4. ECTS credits:

8

5. Type of course:

Mandatory

6. Prerequisites:

-

7. Class restrictions:

-

8. Duration / semester(s):

1

III

9. Weekly contact hours and student workload:

| | Semester (1) | III | Semester (2) | (for two-semester courses) | Workload: (hours) |
|------------------------------------|--------------|-----|--------------|----------------------------|-----------------------------|
| 9.1. Lectures | 4 | | | | Classes: 90.0 |
| 9.2. Seminars | 0 | | | | Individual work: 126.1 7 |
| 9.3. Laboratory / Practice classes | 4 | | | | In total: 216.1 7 |

10. Faculty:

Faculty of Pharmacy

11. Department/study program:

Cosmetology

12. Lecturer:

PhD. Merima Ibišević, assistant professor

13. Course aims:

- To introduce students to the basic concepts and classification of cosmetic products.
- To provide knowledge about the fundamental raw materials used in cosmetic formulations, including their properties and functions.

- To familiarize students with the methods and principles of formulation, production, and quality control of basic cosmetic preparations.
- To develop the ability to select appropriate ingredients in accordance with the product's function and skin type.
- To enable understanding of the role and application of cosmetic products in maintaining and improving skin health and appearance.
- To introduce students to the basics of labeling, packaging, and regulatory aspects of cosmetic products.
- To raise awareness of safety, hygiene, and Good Manufacturing Practices (GMP) in cosmetic production.

14. Learning outcomes:

Upon successful completion of the course Cosmetic Products I, the student will be able to:

- 1.Explain the basic concepts, classification, and functions of cosmetic products.
- 2.Identify and describe the fundamental raw materials used in the formulation of cosmetic preparations.
- 3.Apply basic techniques for the formulation and production of simple cosmetic products.
- 4.Select appropriate ingredients based on skin type and product purpose.
- 5.Interpret basic information on product labels and understand essential regulatory requirements.
- 6.Demonstrate awareness of the importance of hygiene, safety, and good manufacturing practices in the cosmetic industry.

15. Course content:

- Cosmetology as a scientific discipline
- Differences between cosmetic and pharmaceutical formulations
- Basic technological operations (mixing, grinding, emulsifying) and the physico-chemical basis of cosmetic product formulation
- Raw materials for the preparation of cosmetic products
- Types, composition, and production of cosmetic products
- Regulations regarding the quality of cosmetic raw materials and finished products
- Liquid cosmetic products - formulation and selection of raw materials
- Semi-solid cosmetic products - formulation and selection of raw materials
- Formulation of products for cleansing, care, and protection of the skin
- Formulation of products tailored to skin protection according to age
- Formulation of products for baby and child skin care and protection
- Formulation of products for oral hygiene and dental care
- Products for nail care and hygiene
- Facial masks
- Colored products, hygienic and decorative powders
- Toilet and perfumed powders
- Bath products and cleansing preparations for bathing
- Lip care cosmetic preparations
- Sun protection products (UV radiation, vitamin D, skin cancer, SPF)
- Anti-age products

16. Learning methods:

Lectures, practical teaching, interactive learning.

17. Assessment methods:

Activity - max. 10 points

Colloquy - max. 40 points

Final exam - max. 50 points

The colloquium will be held during the last laboratory exercises.

The final exam will be held after the completed semester. The exam is in the form of a written test.

18. Assessment components:

The final success of the student after all the foreseen forms of knowledge testing is evaluated and graded as follows: 10

(A)-95-100 - exceptional success without errors or with minor errors,

9 (B)-85-94 -above average, with some errors, 8 (C)-75-84 -with noticeable errors,

7 (D)-65-74 - generally good, with significant defects, 6 (E)-54-64 - meets the minimum criteria,

5 (F,FX)<54 - does not meet minimum criteria.

19. Mandatory reading list:

Mazić S. Kozmetologija I - savremene kozmetičke sirovine. Beograd, 2011.

G. Vuleta. Farmaceutska tehnologija I, Beograd, 2012.

Vasiljević D, Savić S, Đorđević Lj, Krajišnik D. Priručnik iz kozmetologije. Beograd, 2009.

Čajkovic M. Kozmetologija. Naklada Slap, Jastrebarsko, 2005.

20. Additional reading list:

21. Web sources:

22. Applicable from the academic year:

2025./26.

23. Adopted in the Faculty/Academy session: