SYLLABUS

1. Course title:

Packaging and Stability of Cosmetic Products

2. Code:

3. Cycle of study:

1

4. ECTS credits:

7

5. Type of course:

Mandatory

6. Prerequisites:

None

7. Class restrictions:

None

8. Duration / semester(s):

1 | 5

9. Weekly contact hours and student workload:

	Semester (1)	Semester (2)	(for two-semester courses)	Workload: (hours)
	x			
9.1. Lectures	3		Classes:	67.5
9.2. Seminars	0		Individual work:	122.2
9.3. Laboratory / Practice classes	3		In total:	189.7

10. Faculty:

Faculty of Pharmacy

11. Department/study program:

Cosmetology

12. Lecturer:

Dr sc. Maida Šljivić Husejnović°°°°°

13. Course aims:

Acquisition, application, analysis, and evaluation of knowledge and skills in the field of cosmetic product packaging and stability.

14. Learning outcomes:

By the end of the semester/course, successful students who have consistently fulfilled their obligations throughout the instructional period will be qualified to apply the acquired knowledge in the field of packaging and stability testing of cosmetic products.

15. Course content:

- **Filling and packaging of cosmetic products**
- **Primary packaging materials**
- **Types of packaging materials depending on the cosmetic form**
- **External packaging**
- **Labeling of cosmetic products**
- **Product documentation**
- **Stability of cosmetic products**
- **Chemical stability/instability of cosmetic products**
- **Physical stability of cosmetic forms (solutions, gels, suspensions, emulsions, aerosols)**
- **Photostability of cosmetic formulations**
- **Microbiological stability**
- **Methods for assessing physical, chemical, and microbiological stability of finished cosmetic products**
- **Safety assessment of cosmetic products**
- **Permitted and prohibited impurities in cosmetic products**

16. Learning methods:

Teaching methods: Lectures, consultations, laboratory exercises, independent seminar work.

- **Lectures – Students are required to attend lectures regularly and actively participate in discussions.**
- **Consultations – Through individual or group consultations, students can clarify uncertainties and deepen their acquired knowledge.**
- **Laboratory exercises – Students are required to complete the prescribed number of experimental exercises and pass the midterm test.**
- **Seminar work – Students prepare a seminar paper based on literature research on a given topic and present it orally.**

17. Assessment methods:

Pre-exam Activities (minimum 54, maximum 100 points)

- **Class participation – 0 to 5 points**
- **Seminar paper – 5.5 to 10 points**
- **Quiz – 8 to 15 points**
- **First partial exam – 16 to 30 points**
- **Second partial/final exam – up to 40 points**

Class Participation:
During exercises and/or lectures, the student actively participates and demonstrates engagement. Student activity is graded from 0 to 5 points.
Seminar Paper:
Students write a seminar paper based on collected literature on an assigned topic and defend it orally. Independent work is graded from 5.5 to 10 points.
Quiz:
The student can earn up to 8 out of 15 points allocated for the material covered during laboratory exercises. The quiz is written.
Exams:
Students can take the exam in two parts: oral and/or written.

- **The first partial exam covers the first 40% of the course content. It is taken during the semester after the relevant teaching units have been completed. To pass this part, students must earn between 16 and 30 points.**
- **The second partial/final exam covers the remaining 60% of the course content. It is taken at the end of the semester after all lectures have been completed. Points earned on this exam contribute to the final grade.**

Students must accumulate enough points from all activities and assessments during the semester to meet the passing criteria.
If a student does not achieve sufficient points during the pre-exam activities, the final exam and any failed parts of the exam must be taken during the regular or retake exam periods.

18. Assessment components:

Student performance is continuously monitored throughout the course and expressed in points.

The final student success, based on all forms of knowledge assessment, is evaluated and graded as follows:

- **10 (A) – 95-100 points: Excellent performance without errors or with negligible errors.**

- **9 (B) – 85-94 points: Above average performance with occasional errors.**
- **8 (C) – 75-84 points: Performance with noticeable errors.**
- **7 (D) – 65-74 points: Generally good performance with significant deficiencies.**
- **6 (E) – 54-64 points: Meets the minimum criteria.**
- **5 (F, FX) – less than 54 points: Does not meet the minimum criteria.**

19. Mandatory reading list:

Lectures Authorized by the Course Lecturer/Course Professor

20. Additional reading list:

Current laws and subordinate legislation of Bosnia and Herzegovina and the EU
Vuleta G. i sar.Farmaceutska tehnologija I.Beograd, 2012
FEBEA Guideline on packaging materials used by cosmetic manufacturers, 2012
Dayan N.Handbook of Formulating Dermal Applications,Massachusetts,2017

21. Web sources:

22. Applicable from the academic year:

2025/2026

23. Adopted in the Faculty/Academy session: