

COURSE DESCRIPTION

Academic year: 2026/2027	
University: Comenius University Bratislava	
Faculty: Faculty of Pharmacy	
Course ID: FaF.KGF/19-Mgr-A/26	Course title: Cosmetics in Pharmacy
Educational activities: Type of activities: practicals / lecture Number of hours: per week: 1 / 2 per level/semester: 14 / 28 Form of the course: on-site learning	
Number of credits: 3	
Recommended semester: 7.	
Educational level: I.II.	
Prerequisites:	
Course requirements: Attendance of the lectures and practical exercises is obligatory. Absence tolerance for lectures is a maximum of three lectures. Absences are not tolerated at exercises. In case of violation of this rule, the student will lose the opportunity to pass the exam. Methods and options for compensating absences will be defined in the course syllabus. The course is completed when at least 60% is achieved in the final written exam. Assessment: A: 92,00–100,00 %, B: 84,00–91,99 %, C: 76,00–83,99 %, D: 68,00–75,99 %, E: 60,00–67,99 %, FX: less than 60.00%.	
Learning outcomes: By completing the course, the student acquires basic knowledge about the functioning of the skin, how to care for it, and an overview of the basic skin diseases and defects that students will meet in their pharmaceutical practice. As erudite experts, they will be able to evaluate the patient's condition and then recommend a suitable product or a visit to the doctor. Attention is also paid to hair, skin aging, cosmetics with a special focus, and phototherapy. The course includes compulsory practical exercises in the laboratory, students get acquainted with the basic principles of cosmetics preparation, and learn to select appropriate excipients and specific excipients that meet the requirements of individualized therapy and provide a sufficient therapeutic or cosmetic effect.	
Class syllabus: thematic focus: Human skin, skin types, specifics of their treatment. The most used biologically active substances and their use. Types of cosmetics for skin and body skin care. Healthy skin care. The most common skin diseases and their treatment. Skin aging, mechanisms of aging, prevention and anti-aging preparations, and alternative substances. Solar radiation, benefits, and risks, types of UV filters, phototypes, and types of cosmetics for protection against sunlight. Biologically active substances and auxiliary substances in cosmetics. Cosmetics testing, the most common allergens, prohibited substances, interpretation of information on cosmetics packaging, and legislation on the production of cosmetics. Hair physiology. Hair cosmetics, therapy of the most common hair diseases. Phototherapy in the management of skin and autoimmune diseases. Cosmetics with a special focus. Care for specific parts of the body: nails, eyes, lips, and feet. Intimate hygiene cosmetics.	

Recommended literature:

A. Shai, H. I. Maibach, R. Baran: Handbook of Cosmetic Skin Care. CRC Press, 2009.
F. Gardiner: Handbook of Skin Diseases, Legare Street Press, 2021.
D. Janeš, N. Kočevár Glavač: Modern cosmetics. Širimo dobro besedo, d. o. o. Velenje, 2018.Z.
D. Draeos, L. A. Thaman: Cosmetic Formulation of Skin Care Products. CRC Press, 2006.

Languages necessary to complete the course:

English language

Notes:**Past grade distribution**

Total number of evaluated students: 0

A	ABS	B	C	D	E	FX
0,0	0,0	0,0	0,0	0,0	0,0	0,0

Lecturers: Mgr. Jana Selčanová, PharmDr. Veronika Šimunková, PhD., PharmDr. Miroslava Špaglová, PhD., PharmDr. Jarmila Prieložná, PhD., PharmDr. Veronika Mikušová, PhD., PharmDr. ThLic. Mária Raučinová, PhD., PharmDr. Miroslava Potúčková, PhD., PharmDr. Daniel Krchňák, DiS

Last change: 02.07.2026

Approved by: prof. PharmDr. Ján Klimas, PhD., MPH