

Chemistry and Technology of Cosmetics - practical part (2017-07-10)

Lp.	Modul	Kod		Method	Conversion time (hrs)	ECTS	EL	practical work	Price (Euro)
						37			
8.	Cosmetic Raw Materials and Forms of cosmetics in practice: solutions of surfactants	A8	Workshop of cosmetic forms. Practical course of solubilization, formulation of cleaning systems, adjusting rheology of surfactants systems etc.. Students work in modern equipped laboratories of cosmetic chemistry, individually or in teams of two. It is advisable to learn theoretical issues first (eg. on the basis of the module A4).	BL	20	5	4	16	290
9.	Cosmetic Raw Materials and Forms of cosmetics in practice: emulsions	A9	Workshop of cosmetic forms. Practical course of production of modern cosmetic emulsions (lotions, creams, cream-gels and others). Students work in modern equipped laboratories of cosmetic chemistry, individually or in teams of two. It is advisable to learn theoretical issues first, eg. on the basis of the module A4 and A12.	BL	20	5	4	16	290
11.	Cosmetic Raw Materials and Forms of cosmetics in practice: reology modifying	A11	Workshop of cosmetic forms. Practical course of changing the consistency of the various forms of cosmetic. Hydrogels, lipogels, "ringing gels". Students work in modern equipped laboratories of cosmetic chemistry, individually or in teams of two. It is advisable to learn theoretical issues first, eg. on the basis of the module A4, A6, A12.	BL	20	5	4	16	290
13.	Cosmetic microbiology in practice	A13	Comparison of microbiological purity of cosmetics without preservatives vs cosmetics with preservatives. Antimicrobial properties of the active compounds from herbs. The microflora of the skin and mouth - quantitative changes of microorganisms' profile under the influence of commercially available cosmetics, pharmaceutical products and antibiotics. It is advisable to learn theoretical issues first (the theoretical module A7).	BL	30	5	6	24	320
17.	Optimization of cosmetic formulations	A17	Formulations for experienced. Selection of raw materials' substitutes, the adjustment of basic cosmetic forms' parameters. Matching the rheology of product with product package. Optimizing formulations "into effect." Detection and correction of formulation errors. Students work in modern equipped laboratories, cosmetic chemistry, individually or in teams of two. It is advisable to learn theoretical issues first, eg. on the basis of the module A4.	BL	40	5	10	30	530
21.	Methods of cosmetic evaluation	A21	Comprehensive overview of all modern methods of cosmetic evaluation. Workshops teaching the proper construction of the protocol of evaluation and "translation" of research results into correct marketing claims. The module is also recommended for those who want to know what research should be commissioned to obtain the basis for confirming certain types of marketing declarations. Students work in state-of-the-art	BL	30	7	8	22	400
22.	Fragrance compositions and perfumery	A22	Complete course of basic perfumery. Students work in modern equipped laboratories of cosmetic chemistry. The classes are taught by specialists with many years of industrial practice.	BL	30	5	20	10	330

EL- e-learning

BL - blended learning