

NP-40 COSMETICS

Aims of the course: The main target of the is the acquisition of the necessary knowledge for the recognition and comprehension of the prescriptions following by the preparation of the appropriate technological formulation of cosmetics.

Skills: Acquisition of the necessary knowledge and possibilities for the recognition either of the raw material that are used in the different types of the cosmetic preparations and of the technological formulations, as far as the evolvement of the student skills in the management of the different preparation methods of the cosmetic formulations. Nevertheless the students will be familiarized with the handling of the different laboratory apparatus and implements in cosmetics.

Teaching methods: Lectures and Laboratory exercises.

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Περιεχόμενο του μαθήματος:

Basic on the anatomy and the physiology of the skin. Cosmetics such as emulsions, refreshing creams O/W and W/O. Lotions, face masks, cosmetic powders, lipsticks, nails cosmetics, shampoo and hair preparations, deodorants and antiperspirants, suntan preparations, face and eye makeup, bath preparations, perfumes and colognes, shaving preparations. Procedures for the Headspace Extraction coupled on Gas Liquid Chromatography.

Laboratory Exercises: Preparations of cosmetics

Educational activities:

Attendance of the lectures and the Laboratory exercises.

Evaluation process and methods:

Attendance of the Laboratory exercises regularly, writing and presentations of specified reports; evaluation.

Written exams at the end of the semester

Use of ICTs (Information and Communication Technologies) / Electronic distribution of the lectures

Certain lectures are carried on with the use of electronic applications

Teaching:

A) **Lectures.** Two hours per week in the Δ12 classroom of the School of Science

Lecture	Title	Tutor
1	Introduction, Basic on the anatomy and the physiology of the skin	Katsiotis S.
2	Preparation of cosmetics, emulsions, refreshing creams O/W and W/O	Katsiotis S.
3	Preparation of cosmetics, Lotions	Katsiotis S.
4	Preparation of cosmetics, face masks	Katsiotis S.
5	Preparation of cosmetics, cosmetic powders	Katsiotis S.
6	Preparation of cosmetics, Make-up, lipsticks	Katsiotis S.

7	Preparation of cosmetics, nails cosmetics	Katsiotis S.
8	Shampoo and hair preparations	Katsiotis S.
9	Preparation of cosmetics, bath preparations	Katsiotis S.
10	Preparation of cosmetics, shaving preparations	Katsiotis S.
11	Preparation of cosmetics, deodorants and antiperspirants, suntan preparations	Katsiotis S.
12	Perfumes and colognes	Katsiotis S.
13	Procedures for the Headspace Extraction coupled on Gas Liquid Chromatography	Katsiotis S.

B) **Laboratory work** The Laboratory exercises are carried out by Katsiotis and Athanasiou.

Laboratory	Title	Tutor
1	Preparation of Cosmetics	Katsiotis S.
2	Preparation of Cosmetics	Katsiotis S.
3	Preparation of Cosmetics	Katsiotis S.