

LEARNING MODULE DESCRIPTION

GENERAL INFORMATION

1. Module title: Analysis of cosmetic products
2. Term: Winter/Spring semester
3. Duration: lectures: 15 hours; laboratory classes: 30 hours
4. ECTS: 5
5. Module lecturer: Prof. Dr hab. Izabela Nowak (nowakiza@amu.edu.pl)
6. Language: English

DETAILED INFORMATION

1. Module aim (aims)
 - **Transfer of knowledge in the field of analytical methods used in the analysis of cosmetic products, quality control of the main ingredients of cosmetics (tanning, bleaching and colouring agents, preservatives, fragrances, surfactants, biologically and chemically active components).**
 - **Developing the ability to choose and use of a variety instrumental techniques for qualitative and quantitative analysis of cosmetic components.**
 - **Preparation for the correct interpretation of research results.**
 - **The acquisition of report writing skills and use of literature sources.**
 - **Development of communication skills and teamwork.**
2. Pre-requisites in terms of knowledge, skills and social competences (where relevant)
Basic knowledge in the field of physical chemistry

READING LIST

- 1) Salvador, A. Chisvert, "Analysis of Cosmetic Products", Elsevier, 2007.
- 2) "The rules governing cosmetic products in the European Union", Volume 2 Cosmetics legislation
Cosmetic products. Methods of analysis, EUROPEAN COMMISSION Enterprise Directorate-General
Pharmaceuticals and cosmetics, 1999.

SYLLABUS:

Titles of classes – cannot be applied to the educational system used in this course (the course is performed in the block system: 5 weeks lectures (3 h per week) and 5 weeks laboratory project (once a week)).