

Course title	<b>Chemistry of beauty</b>
Lecturer	<b>Determined later</b>
Lecturer's email address	
Hours	15
ECTS	5/3
Academic year	2020/2021
Semester	summer
Content	<p>1. Cosmetic chemistry:</p> <ul style="list-style-type: none"> <li>- INCI list (definition, analysis, understanding of notation scheme),</li> <li>- cosmetic ingredients (basic classification and functions in cosmetics),</li> <li>- cosmetic formulations (definition, types, basic analytical methods, use in skin care routine),</li> </ul> <p>2. Cosmetology:</p> <ul style="list-style-type: none"> <li>-skin (structure, types, basic disorders, permeation of active cosmetic ingredients through the skin barrier),</li> <li>-skin care routine and treatment according to skin type/condition/problems.</li> </ul>
Learning outcomes	<p>At the end of the course the learner is expected to be able to:</p> <ul style="list-style-type: none"> <li>- Analyze the list of cosmetic ingredients (INCI),</li> <li>- Define functions of particular cosmetic ingredients,</li> <li>- Describe types of cosmetic formulations (i.a. emulsion, gel, tonic) and their use in skin care routine,</li> <li>- Analyze and define skin type on the base of skin appearance/disorders,</li> <li>- Adjust treatment and skin care routine (including selection of active cosmetic ingredients) on the base of skin analysis, create skin care plan,</li> <li>- Cooperate in group using gained knowledge and developing communication skills and teamwork.</li> </ul>
Selected literature	<ol style="list-style-type: none"> <li>1. Salvador, A., &amp; Chisvert, A. (Eds.). (2011). <i>Analysis of cosmetic products</i>. Elsevier.</li> <li>2. Shai, A., Baran, R., &amp; Maibach, H. I. (2009). <i>Handbook of cosmetic skin care</i>. Informa.</li> <li>3. de Groot, A. C., &amp; White, I. R. (2001). Cosmetics and skin care products. In <i>Textbook of contact dermatitis</i> (pp. 661-685). Springer, Berlin, Heidelberg.</li> </ol>
Teaching tools/methods	<ul style="list-style-type: none"> <li>- lectures</li> <li>- group work (developing skin care routine plan basing on particular clinical case)</li> </ul>
Form of examination	<ul style="list-style-type: none"> <li>- exam</li> <li>- assessment of prepared group project</li> </ul>