

ANTI-AGING PREPARATION

Module designation	<i>Anti-aging Preparation</i>
Semester(s) in which the module is taught	2
Person responsible for the module	1. Prof. Dr. apt. Widji Soeratri, DEA. (Course Coordinator) 2. Prof. Dr. apt. Tristiana Erawati M., M.Si. 3. Prof. Dr. apt. Noorma Rosita, M.Si. 4. Prof. Dr. apt. Siswandono, MS
Language	<i>Bahasa Indonesia</i>
Relation to curriculum	<i>Compulsory / elective / specialisation</i>
Teaching methods	<i>lecture, discussion, assignment</i>
Workload (incl. contact hours, self-study hours)	<i>(Estimated) Total workload: Contact hours (structured activities.): 90,67 hours Private study including independent learning activities: 90,67 hours</i>
Credit points	<i>2 SCU / 6 ECTS</i>
Required and recommended prerequisites for joining the module	NA
Module objectives/intended learning outcomes	Students are: LO1: Able to realize excellence based on religious morals (excellence with morality), able to work together, and show a responsible attitude to work in their field of expertise independently LO2: Able to internalize the spirit of independence, struggle, and entrepreneurship LO9: Able to carry out molecular manipulation of substances and develop formulations and manufacturing of pharmaceutical preparations with active pharmaceutical ingredients derived from natural products and synthetic compounds through the manufacture of polymorphs, nanoparticles, solid dispersions
Content	Learning antiaging cosmetics discusses the factors that can cause aging, types and functions of antiaging cosmetics, antiaging active ingredients, formulas for various antiaging cosmetics and the production process of antiaging cosmetics.
Exams and assessment formats	<i>Final exam (100 minutes), Presentations (100 minutes), take-home written assignments</i>
Study and examination requirements	<i>the final grade in the module is composed of 40% performance on final exams, 25% presentations, 25% take-home assignments, and 10 % in-class participation and soft-skills assessment. Students must have a final grade of 70% or higher to pass</i>

Reading list	<ol style="list-style-type: none"><li data-bbox="619 181 1412 353">1. Bauman, LM.D, Sagari, S.M.D., 2009. Cosmetic Dermatology. Principle and Practice Second edition Center for Clinical Epidemiology and Biostatistics University of Pennsylvania School of Medicine Philadelphia, PA<li data-bbox="619 353 1412 459">2. Draelos, JD. Thaman L A, 2006. Cosmetics Formulation of Skin Care Product Tailor and Francise Group. 270 Madison Avenue, New York, NY 10016<li data-bbox="619 459 1412 526">3. Mitsui, Takeo. 1993. New Cosmetic Science. The Netherlands Elsevier Science BV<li data-bbox="619 526 1412 593">4. Barry, Brian W 1983. Dermatological Formulations New York Marcel dekker, Inc
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