



YOZGAT BOZOK UNIVERSITY FACULTY OF ARTS AND SCIENCES
CHEMISTRY DEPARTMENT COURSE PLAN

Course Code	Course Title	Semester	Course Type (C/E)	T+A+L (Time/Week)	Credit	ECTS	Course Language
KİM735	Cosmetic Chemistry	1-2	E	2+0+0		5	Turkish

COURSE INFORMATION

Course Catalog Description (Content)	History of Cosmetic Production, Emulsifying Agents/ Laws Regulating Cosmetics and Medicines, General Technology/ Cleaning Creams, Hand Creams, Moisturizing Creams, Multi-Purpose Creams, Night Creams/ Lotions; Multi-Purpose Lotions, Moisturizing Lotions, Aerosols/ Preparation of Eye and Eye Makeup Materials/ Lip Makeup Materials/ Preparation of Nail, Face and Body Makeup. Humidification Materials. Testing Acidic Colorants, Basic Colorants/ Hair Products, Shampoos, Hair Colorants/ Cosmetics.
The Aim of the Course	Teaching the properties of substances used in the cosmetic industry; preparation and application of new cosmetic products
Course Level	Bachelor degree
Course Language	Turkish
Teaching method	(X) Formal () Online () Mixed/Hybrid
Teaching Staff of the Course	Asst. Prof. Dr. Hatice ARI
Prerequisite Course(s) of the Course	-
Learning Outcomes from the Course	1- Know the basic concepts of cosmetic compounds. 2- Learn the relationship between the structure and properties of cosmetic compounds. 3- Knows how to do research on new cosmetic products with functional groups. 4- Can explain the usage areas of anionic detergents. 5- Know how to do research on inorganic additives used in cosmetics.

COURSE CONTENT

Week	Theory	Practice/Laboratory
1	History of cosmetics production	
2	Laws on cosmetics, general technology	
3	Types of creams , hand creams	
4	Night creams, cleansing creams	
5	Lotions, multi-purpose lotions	
6	Lip preparations, lipsticks	
7	Eye make-up supplies	
8	Hair preparations, hair colorants	
9	Nail, face and body cosmetics	
10	Shampoos	
11	Tooth structure and dental preparations	
12	Aerosols	
13	Testing of cosmetic products	
14	Perfumes	
15	Final Exam	

Course Learning Resources

1. J.H Meritt,F.Estrin, The Chemistry and Manufacture of Cosmetics, Continental Press, 1975.
2. A.Nevzat Güven, Modern Kozmetik ve Parfümeri, Ankara, 1984.
3. Sinan Mithat Muhammet, Fatma Erol, Ülkü Ünal, Şükrü Kalaycı, Kozmetik Kimyası Ve Analizi, Gazi Kitabevi, 2021.

ASSESSMENT CRITERIA

Work Activities During the Semester	Number	Contribution
Homework	1	30
Practice		
Forum/ Discussion Application		
Short Exam (Quiz)	2	70
Ratio Of Semester Studies To Semester Success (%)		%40
Ratio of Final to Success (%)	1	%60
Total		%100

COURSE WORKLOAD TABLE

Activity	Total Weeks	Duration (Weekly Hours)	Total Workload
Theory	14	2	28
Practice			
Forum/ Discussion Application			
Reading	14	2	28
Internet Scanning, Library Study	14	2	28
Material Design, Application			
Report Preparation			
Presentation Preparation	2	4	8
Presentation	2	3	6
Final Exam	1	1	1
Preparation for the Final Exam	4	7	28
Diğer (Belirtiniz: Ev Ödevi)			
Total Workload			127
Total Workload / 25 (s)			127/25
ECTS Credits of the Course			≅5

Note: The workload of the course will be determined by the instructor on a per-course basis.

PROGRAM LEARNING OUTPUTS CONTRIBUTION LEVELS

No	Program Learning Outputs	1	2	3	4	5
1	Gains extensive knowledge about the basic chemical properties of matter and uses this knowledge in daily life, industrial scale, and practical chemistry and shares them with the society.					X
2	Performs experiments, collects data, interprets, evaluates results, defines problems parallel to current technological developments, produces solutions against problems encountered in the laboratory.				X	
3	Calculates and processes chemical information and data.			X		
4	Applies her/his knowledge and understanding of chemistry to the solution of unconventional qualitative and quantitative problems.					X

5	Defines and comprehends chemical concepts and theories in Inorganic Chemistry, Organic Chemistry, Physical Chemistry, Analytical Chemistry, Biochemistry.			X		
6	Can conduct research in the light of scientific data on any subject in the field of chemistry.					X
7	Writes, presents, discusses scientific material, and presents it orally to a knowledgeable audience.					X
8	Brings a chemical approach to the solution of environmental problems, makes environmental analyzes and reports.					X
9	Knows a foreign language at a level to read and understand the basic terms and processes of the chemist profession.			X		
10	Can use computer software and information and communication technologies at the level required by the field.			X		
11	Adapts and transfers the knowledge gained in the field to secondary education.				X	
12	Apart from the field of chemistry, she/he gains knowledge in different branches of science that she feels close to.				X	
13	Carries out a study independently, makes group work and gains the awareness of taking responsibility.			X		
14	They can develop a positive attitude towards lifelong learning and constantly renew their professional knowledge and skills.					X
15	Have sufficient awareness of the universality of social rights, social justice, quality culture and protection of cultural values, environmental protection, occupational health and safety.				X	

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