

BALIKESİR ÜNİVERSİTESİ
FEN EDEBİYAT FAKÜLTESİ
ÜNİVERSİTE SEÇMELİ DERS TANITIM FORMU

Department/Program	Chemistry/ Organic Chemistry					
Course unit title	Aromatic oils					
Semester	Fall x			Spring		
Language of instruction	Turkish x			English		
Credit	Teoric	2	Pratice	0	Total Credit 2	
Number of ECTS credits	3					
Mode of delivery	Formal education					
Objectives of the course	The aim of this course is to explain the properties of essential oils and to teach the differences between them and fixed oils. It also aims to provide the necessary information to teach the methods of obtaining essential oils, their areas of use, the essential oil trade around the world and in Turkey, and the essential oil production potential of our country.					
Course content	Obtaining information about the properties of essential oils.					
Course Prerequisites	-					
Instructor	Prof. Dr. Baki ÇİÇEK			mail: bcicek@balikesir.edu.tr		
Course Internship Status	-			mail: -		
Course Asistans	-					
Course Resources						
Course Structure	University Elective Course					
Plans on Learning Activities and Methods	Lecture, Discussion, Question-Answer, Problem/Problem Solvin					
Course Evaluation Criteria			Course ECTS Calculation Content			
Semester Studies	Number	Contribution (%)	Activity	Number	Time	Total Study (Time)
Mid-term	1	40	Course Duration	14	2	28
Short exam			Class Study Duration	14	2	28
Homework			Midterms	1	2	2
Attendance			Final exams	1	2	2
Practice			Total Study: 60			
Project			ECTS Credits: 3			
Midterm Exam	1	60				
Course Learning Outcomes	Understanding the definition, properties and production methods of essential oils. Information on the sources from which essential oils are obtained and their commercial production in Turkey. Analysis of the situation of essential oil trade in Türkiye and around the world. Identification of other products obtained with essential oils and determination of their usage areas.					

Matters to be considered in the production process and quality management.
 Analysis methods and quality control of essential oils.
 Different usage areas and biological effects of essential oils.
 Evaluation of the relationship between aromatherapy and essential oils and their applications

Course Subjects

Week	Subject	Pre-study	Documents
1	Definition and properties of essential oils	Research on the relevant subject	Resource books, Presentations
2	Production methods of essential oils	Research on the relevant subject	Resource books, Presentations
3	Sources from which essential oils are obtained	Research on the relevant subject	Resource books, Presentations
4	The most commercially produced essential oils in Turkey	Research on the relevant subject	Resource books, Presentations
5	Trade of essential oils in Türkiye and the world	Research on the relevant subject	Resource books, Presentations
6	Other products obtained with essential oils	Research on the relevant subject	Resource books, Presentations
7	Other products obtained with essential oils	Research on the relevant subject	Resource books, Presentations
8	Points to consider during the production of essential oils	Research on the relevant subject	Resource books, Presentations
9	Post-production processes of essential oils	Research on the relevant subject	Resource books, Presentations
10	Analysis methods of essential oils	Research on the relevant subject	Resource books, Presentations
11	Quality and properties of essential oils	Research on the relevant subject	Resource books, Presentations
12	Areas of use of essential oils	Research on the relevant subject	Resource books, Presentations
13	Biological effects of essential oils	Research on the relevant subject	Resource books, Presentations
14	Essential oils and aromatherapy	Research on the relevant subject	Resource books, Presentations

Course Outcomes to Program

Gaining information about the identification of essential oils, their production stages and usage areas.