



## AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title	Medicinal Plants' Area of Usage								
Course Code	FBÖ412	Course Level			First Cycle (Bachelor's Degree)				
ECTS Credit	4	Workload	103 (Hours)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course	Historic development of plants, importance of medical herbs in Turkey and world, grouping of medical plants, drying and keeping of medical plants, benefits of medical plants (Drugs and spices, cosmetics and perfumes, tea and soft drinks, a dye). Identification and classification of drugs								
Course Content	Identification of medicinal plants in the scientific sense, the historical development of medical plants, medicinal plants, the importance of the world, in Turkey, the importance of medicinal plants, medicinal plants, grouping of ecological aspects of medicinal plants								
Work Placement	N/A								
Planned Learning Activities and Teaching Methods	Explanation (Presentation), Discussion, Project Based Study, Individual Study								
Name of Lecturer(s)									

Assessment Methods and Criteria		
Method	Quantity	Percentage (%)
Midterm Examination	1	40
Final Examination	1	70

Recommended or Required Reading	
1	Ceylan, A. (1995).Tıbbi Bitkiler I
2	Ceylan, A. (1995).Tıbbi Bitkiler II
3	İlisulu, K. (1992).İlaç ve Baharat Bitkileri

Week	Weekly Detailed Course Contents	
1	Theoretical	Scientific definition of medical plants
	Preparation Work	
2	Theoretical	Historical development of medical plants
	Preparation Work	
3	Theoretical	Importance of medical plants in world
	Preparation Work	
4	Theoretical	Importance of medical plants in Turkey
	Preparation Work	
5	Theoretical	Grouping medical plants
	Preparation Work	
6	Theoretical	Use of medical plants by folk
	Preparation Work	
7	Theoretical	Ecology of medical plants
	Preparation Work	
8	Theoretical	Drying and keeping of medical plants
	Preparation Work	
9	Preparation Work	
	Intermediate Exam	Midterm ExAM
10	Theoretical	Benefit from medical plants
	Preparation Work	
11	Theoretical	Drugs and areas of use
	Preparation Work	
12	Theoretical	Alternative medicine
	Preparation Work	
13	Theoretical	Effective ingredients in medical plants
	Preparation Work	



14	Theoretical	Benefit from medical plants with biotechnological developments
	Preparation Work	
15	Theoretical	Benefit from medical plants with biotechnological developments
	Preparation Work	
16	Preparation Work	
	Final Exam	Final exam

### Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Assignment	14	0	1	14
Term Project	14	0	1	14
Reading	21	0	2	42
Midterm Examination	1	1	1	2
Final Examination	1	2	1	3
Total Workload (Hours)				103
[Total Workload (Hours) / 25*] = ECTS				4

\*25 hour workload is accepted as 1 ECTS

### Learning Outcomes

1	Knowledge of historical development of medical plants
2	To be able to analyse medical plants in Turkey and world
3	To be able to explain medical plants classification
4	To be able to explain how to benefit from medical plants
5	Know the names of medicinal plants

### Programme Outcomes (Science Teacher Education)

1	To be able to gain subject knowledge of profession in theory and practice in the learning process.
2	To be able to gain the competence of using the appropriate approach, strategy, method and technique for the instructional plans to be prepared in the learning process.
3	To be able to gain the skills of the teaching profession in the learning process.
4	To be able to implement teaching profession knowledge, skills, attitudes and habits related to the subject-matter in a real teaching and learning environment in the learning process.
5	To be able to comprehend contemporary approaches of education and the philosophy they are based on.
6	To be able to gain the basic skills such as comprehending, expressing, commenting, evaluating, being aware and enterprising, communicating, acknowledging the individual related to the subject-matter.
7	To be able to become individuals faithful to the Principles and Revolutions of Ataturk, be modern democratic, secular, protecting and developing one's country, being alive to the nation, respecting human rights, preserving the nature, not being discriminatory, giving importance to the traditions and customs, protecting the values
8	To be able to improve oneself in terms of sport, art and culture.
9	To be able to become individuals believing in lifelong learning.
10	To be able to gain the vision of being individuals who keep up with developments in social, economic, technological and scientific areas, who investigate the main reasons of World problems and try to contribute to the solutions of these problems.

### Contribution of Learning Outcomes to Programme Outcomes 1:Very Low, 2:Low, 3:Medium, 4:High, 5:Very High

	L1	L2	L3	L4
P1	3	3	3	3
P2	3	4	3	4
P6	3	3	3	3
P9	3	3	3	3

