



## AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		General Botany							
Course Code		BYL119		Couse Level		Short Cycle (Associate's Degree)			
ECTS Credit	4	Workload	100 ( <i>Hours</i> )	Theory	2	Practice	2	Laboratory	0
Objectives of the Course		To give the students a clear perspective about the principles and basic contents of Botany course.							
Course Content		Basic Botany terms The structure of the cell. Cell division. Herbal tissues. Organ science. Root morphology and anatomy. Body morphology and anatomy. Leaf morphology and anatomy. Flower morphology, anatomy and reproduction in plants. Plant Systematics							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Demonstration, Discussion, Case 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	BOZCUK S. 2009. Genel Botanik. Hatipoğlu yayınları, Ankara
2	Campbell, R. 2008. Biyoloji (Ed.Ertunç G. Ve ark.),Palme Yayıncılık, Ankara.
3	Özörgücü B. 1993. Bitki Morfolojisi ve Anatomisine Giriş. Baskı 55. Ege Üni. Basımevi

Week	Weekly Detailed Course Contents	
1	Theoretical	Learning the basic botanical terms
2	Theoretical	The basic structure, organelles and functions of the cell
3	Theoretical	Tissue science, plant tissues, meristem tissues
4	Theoretical	Tissue science, plant tissues, permanent tissues
5	Theoretical	Organ science, root and root metamorphosis
6	Theoretical	Organ science, stem and stem metamorphosis
7	Theoretical	Organ science, leaf and leaf metamorphosis
8	Theoretical	Morphology and anatomy of Flower
9	Theoretical	Morphology and anatomy of Flower Reproduction of plants
10	Theoretical	Fruits, seeds, propagation.
11	Theoretical	MID TERM EXAM
12	Theoretical	Plant systematics
13	Theoretical	Evolution of plants
14	Theoretical	Introducing kingdom of plants
15	Final Exam	FINAL EXAM

### Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	13	0	3	39
Assignment	13	0	1	13



Land Work	8	0	4	32
Individual Work	14	0	1	14
Midterm Examination	1	0	1	1
Final Examination	1	0	1	1
Total Workload (Hours)				100
[Total Workload (Hours) / 25*] = <b>ECTS</b>				4
*25 hour workload is accepted as 1 ECTS				

### Learning Outcomes

1	To understand the basic botanical terms
2	To understand plant cell structure, functions and organelles.
3	To understand meiosis and mitosis.
4	To understand structure and functions of plant organs (roots, stems, leaves, flowers).
5	To understand flowers and sexual reproduction of plants.
6	To understand diversity and classification of plants.

### Programme Outcomes (Organic Agriculture)

1	
2	
3	
4	
5	
6	
7	
8	
9	
10	
11	

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

	L1	L2	L3	L4	L5	L6
P1	2	2	2	2	2	2
P8	2	2	2	2	2	2
P9	3	3	3	3	3	3

