



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Plant Embriology							
Course Code		LBT221		Course Level		Short Cycle (Associate's Degree)			
ECTS Credit	3	Workload	75 (Hours)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course		The evolution of flower plants, vegetation, life cycle, and gymnosperms Gymnosperms flower fertilization, angiosperm flowers, flower structure in important plant families, and Makrosporangiyum Mikrosporangiyum development, meiosis, fertilization mechanisms are functioning in the realization of large groups of plants, pollination and fertilization, embryo and seed development features, pollination and fertilization mechanisms that affect create awareness of the goal is to give.							
Course Content		The life cycle of plants, the distribution of sex in plants, Gymnosperms flower, angiosperm flowers, and Makrosporangiyumun Mikrosporangiyum development, fertilization, embryo, seed, pollination and fertilization mechanisms that affect							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Discussion, 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	Öğretim Elemanı Ders Notları
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Week	Weekly Detailed Course Contents	
1	Theoretical	The life cycle of plants, pollination and fertilization mechanisms that affect
2	Theoretical	the distribution of sex in plants
3	Theoretical	the distribution of sex in plants
4	Theoretical	Gymnosperm flower
5	Theoretical	Angiosperm flower
6	Theoretical	Microsporangium
7	Theoretical	Development of Macrosporangium
8	Intermediate Exam	Mid-term Exam
9	Theoretical	Fertilization
10	Theoretical	Fertilization
11	Theoretical	Embryo
12	Theoretical	Embryo
13	Theoretical	Seed
14	Theoretical	Seed
15	Theoretical	General evaluation
16	Final Exam	Final Exam

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Assignment	14	1	0	14
Midterm Examination	1	10	1	11
Final Examination	1	20	2	22
Total Workload (Hours)				75
[Total Workload (Hours) / 25*] = ECTS				3

*25 hour workload is accepted as 1 ECTS



Learning Outcomes

1	They know The life cycle of plants, the distribution of sex in plants
2	They know Gymnosperms flower
3	They know Makrosporangiyumun Mikrosporangiyum development
4	They know realization of the functioning mechanisms of fertilization
5	They know Angiosperm flowers
6	They know seed and embryo development characteristics in large groups of plants

Programme Outcomes (Laboratory Technology)

1	To be able to comprehend social, cultural and social responsibilities, to be able to follow national and international contemporary problems and developments
2	Atatürk is bound to Atatürk nationalism in the direction of principles and reforms; Adopting the national, moral, spiritual and cultural values of the Turkish people, open to universal and contemporary developments, the Turkish language is a rich, rooted and productive language; Have a love of language and a consciousness; To have the ability to use as much of a foreign language as he would need to read, taste and habit and professionally.
3	To be able to recognize the basic hardware units and operating systems of a computer, having information about internet usage and preparing documents, spreadsheets and presentations on computer by using office programs.
4	Acquires theoretical and practical knowledge at the basic level in mathematics, science and vocational field.
5	With the knowledge of laboratory technology in the field, he knows and analyzes problems, brings interpretation of data and suggests solutions.
6	In laboratories, according to the prepared business plan and program, necessary work can be done to obtain the desired quality products.
7	To have professional and ethical responsibility in business life.
8	Development and change are open, follow scientific social and cultural innovations, and develop themselves constantly.

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
P5	5	5	5	5	5	5
P6	5	5	5	5	5	5
P7	5	5	5	5	5	5

