



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Laboratory Techniques of Plant Pathogenic Fungi							
Course Code		ZBK513		Couse Level		Second Cycle (Master's Degree)			
ECTS Credit	8	Workload	200 (<i>Hours</i>)	Theory	2	Practice	2	Laboratory	0
Objectives of the Course		To know the basic techniques and methods used in scientific studies on pathogenic fungi causing various diseases in plants.							
Course Content		Introduction of aseptic techniques, isolation of phytopathogenic fungi, production in artificial environments, storage, inoculation of plants and various microscopic techniques for the diagnosis of fungi constitute the main scope of the course.							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Experiment, Demonstration, Discussion					
Name of Lecturer(s)		Prof. Ömer ERİNCİK							

Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Midterm Examination	1	40
Final Examination	1	60

Recommended or Required Reading

1	Kelman, A., C. W. Boothroyd, H. D. Benjamin, I. W. Deep, S. Diachun, J. P. Fulton, J. W. Hendrix, J. E. Mitchell, J. H. Owen, W. H. Sill Jr. R. B. Stevens and R. Zabel, 1967. Sourcebook of Laboratory Exercises in Plant Pathology. W.H. Freeman and Company, San Francisco and London. 387 s....
2	Onkar D. D. and J. B. Sinclair, 1985. Basic Plant Pathology Methods. CRC Pres, Inc. Boca Raton, Florida. 355 s .
3	İren S.ve Z. Katırcıoğlu, 1989. Uygulamalı Mikoloji. Ankara Üniversitesi Ziraat Fakültesi Yayınları Ankara No: 1126. 136 s.

Week	Weekly Detailed Course Contents	
1	Theoretical	a
2	Theoretical	a
3	Theoretical	a
4	Theoretical	a
5	Theoretical	a
6	Theoretical	a
7	Theoretical	a
8	Intermediate Exam	a
9	Theoretical	a
10	Theoretical	a
11	Theoretical	a
12	Theoretical	a
13	Theoretical	a
14	Theoretical	a
15	Theoretical	a
16	Final Exam	a

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Lecture - Practice	14	0	2	28
Assignment	2	14	0	28
Laboratory	7	0	3	21
Individual Work	7	6	0	42
Midterm Examination	1	21	1	22



Final Examination	1	30	1	31
Total Workload (Hours)				200
[Total Workload (Hours) / 25*] = ECTS				8
*25 hour workload is accepted as 1 ECTS				

Learning Outcomes

1	
2	
3	
4	
5	

Programme Outcomes (Plant Protection Master)

1	To develop knowledge and abilities that gained during undergraduate education
2	To gain ability to search and pursue current literature
3	To gain ability to plan and write projects that help solving problems in field of study.
4	To gain ability to conduct research, analyze data, evaluate research results scientifically and prepare reports and thesis writing.
5	Students will be able to learn and apply the laboratory test and analysis methods
6	To recognize occupational and ethical responsibility

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

	L1	L2	L3	L4	L5
P1	3	3	4	4	5
P2	3	3	5	5	5
P3	4	4	5	5	5
P4	4	4	4	5	4
P5	4	4	5	5	5
P6	3	3	5	5	4

