



**AYDIN ADNAN MENDERES UNIVERSITY
SULTANHISAR VOCATIONAL SCHOOL
FUNGICULTURE
COURSE INFORMATION FORM**

Course Title	Biological Control								
Course Code	FY222		Course Level		Short Cycle (Associate's Degree)				
ECTS Credit	3	Workload	75 (Hours)	Theory	3	Practice	0	Laboratory	0
Objectives of the Course	It aims to provide information about the definition and application of biological control								
Course Content	The definition of biological control, natural enemies, the use of natural enemies, contains information about the factors that determine the effectiveness of natural enemies								
Work Placement	N/A								
Planned Learning Activities and Teaching Methods	Explanation (Presentation), Individual Study								
Name of Lecturer(s)	Ins. Hüseyin YERLİKAYA								

Assessment Methods and Criteria		
Method	Quantity	Percentage (%)
Midterm Examination	1	40
Final Examination	1	60

Recommended or Required Reading	
1	Biological Control
2	Tarımsal Savaş Yöntemleri ve İlaçları Cezmi ÖNCÜER

Week	Weekly Detailed Course Contents	
1	Theoretical	The definition of biological control
2	Theoretical	The beginning time of the biological control
3	Theoretical	Pest-natural enemies relationship
4	Theoretical	Features of natural enemies
5	Theoretical	The factors that determine the effectiveness of natural enemies
6	Theoretical	Predators
7	Theoretical	Parasitoids
8	Intermediate Exam	Midterm
9	Theoretical	Fungi
10	Theoretical	Bacteria
11	Theoretical	Virus
12	Theoretical	Rickettsia, Protoza
13	Theoretical	Nematods
14	Theoretical	Film
15	Theoretical	General evaluation

Workload Calculation				
Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	3	42
Assignment	2	4	0	8
Midterm Examination	1	9	1	10
Final Examination	1	14	1	15
Total Workload (Hours)				75
[Total Workload (Hours) / 25*] = ECTS				3

*25 hour workload is accepted as 1 ECTS

Learning Outcomes	
1	Knows biological control
2	Recognize natural enemies
3	Knows application of biological control



4	Know the factors that increase the efficiency of natural enemies
5	Knows commercial biological preparations.

Programme Outcomes (*Fungiculture*)

1	Having knowledge of morphology, anatomy, cytology, physiology and biochemical structures of mushroom
2	Having knowledge of soil and climate conditions for mushroom cultivation
3	Having knowledge of identification, classification and the use areas of mushroom species
4	Having knowledge of culture and production techniques of mushroom
5	Having knowledge of harvest and conservation of mushroom
6	Having ability to identify and to maintain important diseases and pests of mushroom species
7	Having ability and knowledge of marketing techniques of mushroom products, effectively.
8	Ability to project mushroom built.
9	Having knowledge of Laboratory techniques
10	Having knowledge of mushroom management

