



## AYDIN ADNAN MENDERES UNIVERSITY 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)									

### Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Midterm Examination	1	40
Final Examination	1	70

### 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 (Seedling Production)**

1	Having knowledge of physiology and morphology characteristics, growth, development and biochemical events occurred in fruits, vegetables and ornamentals plants
2	Having knowledge of soil, climate and irrigation conditions grown fruits, vegetables and ornamentals plants
3	Having knowledge of identification, classification and the use areas of fruits, vegetables and ornamentals plants
4	Having practical and theoretical knowledge of production techniques of fruits, vegetables and ornamentals plants
5	Having ability to identify and to maintain diseases and pests of fruits, vegetables and ornamentals plants
6	Having knowledge of marketing techniques, standards, contributions to the economy of fruits, vegetables and ornamentals plants, legal issues
7	Having knowledge of facilities and builds grown fruits, vegetables and ornamentals plants, and tools and materials used.
8	Having ability to use effective own language and having knowledge of language in order to communicate own colleagues and own customers,
9	Having knowledge of Atatürk Principle and Revolutions and, ability to assimilate Atatürk Principle and Revolutions
10	Having an enough foreign language to able to follow new development in relation with nursery production

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

	L1	L2	L3	L4	L5
P2	4	4	4	4	4
P5	5	5	5	5	5

