

HOST PLANT AND PATHOGEN RELATIONSHIPS

1	Course Title:	HOST PLANT AND PATHOGEN RELATIONSHIPS	
2	Course Code:	BIT5001	
3	Type of Course:	Compulsory	
4	Level of Course:	Second Cycle	
5	Year of Study:	1	
6	Semester:	1	
7	ECTS Credits Allocated:	7.00	
8	Theoretical (hour/week):	3.00	
9	Practice (hour/week):	0.00	
10	Laboratory (hour/week):	0	
11	Prerequisites:	None	
12	Language:	Turkish	
13	Mode of Delivery:	Face to face	
14	Course Coordinator:	Prof. Dr. ÜMİT ARSLAN	
15	Course Lecturers:		
16	Contact information of the Course Coordinator:	E-posta: uarslan@uludag.edu.tr Tel: 0.224.2941575 U. Ü. Ziraat Fak. Bitki Koruma Bölümü	
17	Website:		
18	Objective of the Course:	Mechanism of host plant relationships, genetic mechanisms of host plant resistance in plants, mechanisms responsible for variation in plant pathogens, epidemiology and etiology of major groups of plant-microbe relationships, control measures of plant pathogens	
19	Contribution of the Course to Professional Development:		
20	Learning Outcomes:		
		1	Knows economical importance and spread of plant diseases
		2	Knows pathogens causing diseases on plants
		3	Knows morphological features of fungal, bacterial and viral pathogens
		4	Knows genetic mechanisms of host plant resistance in plants
		5	Knows mechanisms responsible for variation in plant pathogens
		6	To understand the epidemiology and etiology of major groups of plant-microbe relationships
		7	Knows biochemistry of plant pathogen interactions
		8	Knows physiology of plant pathogen interactions
		9	Knows interactions between plant pathogens and host plant
		10	Knows control measures of plant pathogens
21	Course Content:		
		Course Content:	
Week	Theoretical	Practice	
1	Introduction and terminology		

ÖK3	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0
ÖK4	0	0	0	4	0	0	0	0	0	4	0	0	0	0	0	0
ÖK5	3	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0
ÖK6	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0
ÖK7	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0
ÖK8	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0
ÖK9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LO: Learning Objectives PQ: Program Qualifications																
Contribution Level:	1 very low			2 low			3 Medium			4 High			5 Very High			