

HARRAN UNIVERSITY

Code of thecourse : 0804627

Name of thecourse : Mycology

Name of the instructor who taught the course last semester: Prof. Dr. Çiğdem KÜÇÜK

Name of thecourse	Code	Term	T + P	Credit	ECTS
Mycology	0804627	1	2+0	2	3
Course Prerequisite					
Type of thecourse (Obligatory/Elective)	Elective				
Name of theinstructorwhotaughtthecourselastsemester	Prof. Dr. Çiğdem KÜÇÜK				
Aimandgoals of thecourse	Fungidefinition, distribution, structureandmetabolism in biotechnologywill be learned.				
Contents of thecourse	As described in lecturecontent				
Weeks	SemesterTeaching Plan				
1	Introduction, definition of Fungus				
2	Forms of fungigrowth, activities,				
3	The main taxonomicgroups of fungi				
4	FungistructureandUltrastructure				
5	Fungalgrowth, differentiation				
6	Funginutrition				
7	Fungalmetabolism				
8	Midterm				
9	Environmentalconditionsnecessaryforgrowth				
10	Fungalspores				
11	Biotechnologyuses of fungi,				
12	Fungaldecaycommunities				
13	Fungalinteractions, antagonism, synergizm				
14	Fungaldiseases of plants, mycorrhizal, mycorrhizalplantinteraction, production				
15	Final				
References					
1. İren, S., Katırcıoğlu, Z. (1989). Ankara Üniversitesi Ziraat Fakültesi Yayın no: 1126. 136 sayfa					
2. Kıvanç, M. (1999). Mikoloji Ders notları, A.Ü. Fen Fak. (Yayınlanmamış)					
3. Öner, M. (1998). Mikoloji I, Myxomycetes, Phycomycetes, Ascomycetes, 4. Baskı. Ege Üniversitesi Fen Fakültesi Kitaplar Serisi no 53. Ege Üniversitesi Basımevi, Bornova İzmir.180 sayfa					
4. Öner, M. (1998). Mikoloji II, FungiImperfecti, Basidiomycetes, 4. Baskı. Ege Üniversitesi Fen Fakültesi Kitaplar Serisi no 39. Ege Üniversitesi Basımevi, Bornova İzmir, 136 sayfa					

5. Prescott, L.M., Harley, J.P., Klein, D.A. (1999). Microbiology, 4th ed. VonHoffmanPress, USA.

Evaluation

Onewrittenmidtermexam (40%), onewritten final exam (%60).