



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Mycology							
Course Code		BYL438		Couse Level		First Cycle (Bachelor's Degree)			
ECTS Credit	4	Workload	105 (<i>Hours</i>)	Theory	2	Practice	2	Laboratory	0
Objectives of the Course		The fungi around us to know, classify, isolate and understand the importance of living things							
Course Content		Learning reproduction and distribution of fungi isolations classifications with practical examples							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation)					
Name of Lecturer(s)									

Assessment Methods and Criteria

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

Recommended or Required Reading

1	Brock Biology of Microorganisms, Michael T. Madigan ve John M. Martinko, Translate Edit Prof. Dr. Cumhuri ÇÖKMÜŞ. Palme Yayıncılık, 2010.
2	Science Fungi, Gıyasettin Kaşık, 2010 Şelçuk University Publication, Konya.
3	A Laboratory Guide to Common Penicillium Species. J.I. Pitt, Third Ed. 634 pp. Food Science, Australia, 2000.
4	Integration Modern Taxonomic Methods for Penicillium and Aspergillus Classification, R.A. Samson, J.I. Pitt, Harwood Academic Publishers, 510 pp. Singapore. 2000

Week	Weekly Detailed Course Contents	
1	Theoretical	Fungi and other organisms
	Practice	Classification of Fungi I
2	Theoretical	The history of mycological
	Practice	Classification of Fungi II
3	Theoretical	Fungal lifestyles
	Practice	Classification of Fungi III
4	Theoretical	Reproductive and types of fungi
	Practice	Fungi isolation methods I
5	Theoretical	Sexual types of spores
	Practice	Fungi isolation methods II
6	Theoretical	Asexual types of spores
	Practice	Staining of cell wall materials
7	Theoretical	Some of the products derived from fungi
	Practice	Staining of cell materials
8	Theoretical	Mycotoxins
	Practice	Enzyme tests
9	Theoretical	Fungi classification systems
	Practice	Mycomycota
10	Theoretical	Mycomycota
	Practice	Chytridiomycota
11	Theoretical	Chytridiomycota
	Practice	Zygomycota
13	Theoretical	Zygomycota
	Practice	Ascomycota
14	Theoretical	Ascomycota
	Practice	Aspergillus
15	Theoretical	Basidiomycota



15	Practice	Penicillium
16	Theoretical	Deutoromycota
	Practice	Parasitic fungi
17	Practice	Final Exam
	Final Exam	Final Exam

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	15	0	5	75
Reading	12	0	1	12
Midterm Examination	1	8	1	9
Final Examination	1	8	1	9
Total Workload (Hours)				105
[Total Workload (Hours) / 25*] = ECTS				4

*25 hour workload is accepted as 1 ECTS

Learning Outcomes

1	Fungi and other organisms, to compare with each other and other living things
2	learning the basic concepts of fungal by mycological history
3	learning spread by lifestyles' of fungi in nature
4	An overview of types of learning with reproductive and reproductive structures of fungi
5	Learning spores the differences between the types of spores sexual
6	Learning spores the differences between the types of spores asexual
7	Emphasize the importance of fungi in the industry with some of the products obtained
8	To examine the effects of mycotoxins on human health
9	learning fungal taxonomy by molecular and classification systems
10	Understanding the characteristics and place in fungi with Myxomycota
11	Understanding the characteristics and place in fungi with Chytridiomycota
12	Understanding the characteristics and place in fungi with Zygomycota
13	Understanding the characteristics and place in fungi with Ascomycota
14	Understanding the characteristics and place in fungi with Basidiomycota
15	Understanding the characteristics and place in fungi with Deutoromycota

Programme Outcomes (German Language and Literature)

1	Students will have advanced knowledge in the field of German Language and Literature in the field of German Language and Literature.
2	To be able to understand the concepts, ideas and data related to German Language and Literature through scientific methods in which he / she has learned and learned; It provides suggestions that can be proved by scientific evidence, evidence or evidence.
3	To inform the German audience about the issues related to German Language and Literature; expresses his / her own thoughts, problems / problems, solution suggestions and methods in written and verbal way.
4	Students will be able to produce scientific studies to be accepted by the experts in the field of Languages, Literatures and Cultures.
5	It carries out advanced studies independently with learning, learning skills and critical thinking.
6	Develops strategic management and implementation plans in the field of German Language and Literature and evaluates the obtained results within the framework of quality processes and uses the obtained data in interdisciplinary studies.
7	Plans and manages the activities and projects for the professional development of the people he works with in the sense of social responsibility.
8	Students will be able to follow and use the German Language and Literature knowledge and gain the competency with their colleagues.
9	It has the competence to observe social, scientific and ethical values ??in the stages of collecting, interpreting and announcing data about German Language and Literature.
10	Uses and develops information and communication technologies with the knowledge of computer software and hardware required by German Language and Literature.
11	She is able to translate from German to Turkish and from German to German so that she can speak an equivalent language and grammar.
12	Obtains the basic professional knowledge related to the learning area.

