



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Seminar I							
Course Code		MBTK801		Course Level		Third Cycle (Doctorate Degree)			
ECTS Credit	2	Workload	46 (Hours)	Theory	0	Practice	2	Laboratory	0
Objectives of the Course		The aim of this course is to make students gain insight and knowledge about scientific research on a specific subject and to be able to synthesize the acquired knowledge via research to be organized and demonstrated in a report							
Course Content		The course covers the research, synthesize, analysis processes of a specific subject determined by the student in order to work in the consultancy of a professor in the second half of the Master courses							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Demonstration, Discussion, Individual Study					
Name of Lecturer(s)		Prof. Gamze BAŞBÜLBÜL							

Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Seminar	1	100

Recommended or Required Reading

1	Seminer konusuna ilişkin kitap ve makaleler
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Week	Weekly Detailed Course Contents	
1	Theoretical	Determination of seminar subject
2	Theoretical	Literature search
3	Theoretical	Literature search
4	Theoretical	Literature search
5	Theoretical	Literature search
6	Theoretical	Literature search
7	Theoretical	Literature search
8	Theoretical	Collection of the data
9	Theoretical	Collection of the data
10	Theoretical	Collection of the data
11	Theoretical	Collection of the data
12	Theoretical	Collection of the data
13	Theoretical	Collection of the data
14	Theoretical	Writing the report
15	Theoretical	Seminar presentation

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Seminar	1	15	1	16
Individual Work	15	0	2	30
Total Workload (Hours)				46
[Total Workload (Hours) / 25*] = ECTS				2

*25 hour workload is accepted as 1 ECTS

Learning Outcomes

1	To be able to make a profound literature research on a given subject
2	To be able to synthesise, analyse and interpret the information obtained
3	Be able to write a scientific report
4	Be able to present the results



5	Be able to answer the questions
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Programme Outcomes (*Molecular Biotechnology(English) Interdisciplinary Doctorate*)

1	Ability to identify, analyze and understand problems related to molecular biotechnology and finding valid conclusions with basic knowledge in biotechnology
2	Ability to appropriately use laboratories and their associated equipment as part of research and observation activities through various branches of sciences
3	Ability to understand and interpret biological processes at cell, tissue, organ, system and organism levels
4	Ability to decide and apply appropriate tools and techniques in biotechnological manipulation
5	Ability to comprehend fundamentals of genetics and molecular biology and carry out basic methods in relevant applications
6	Ability to apply the fundamentals of protein and DNA chemistry, and immunology to techniques in biotechnology
7	. Ability to understand and practice basics of applied biotechnology, with acquired knowledge on problem solving approaches
8	Ability to understand and interpret basics of molecular applications within medical, agriculture, veterinary and forensic sciences
9	Ability to perceive biological existence at the global and regional scales, together with comprehension of associated problems
10	Acquiring appropriate knowledge in the field of basic sciences to support perception, analysis and interpretation of biological facts, and ability to use and practice relevant methods for this goal
11	Ability to develop proficiency in laboratory management, including maintenance of an orderly work environment, inventory and ordering, and set up or maintenance of equipment
12	Ability to learn essential methods in microbiology and basic skills in a microbiology labortaory
13	Ability to demonstrate proficiency with standard techniques in liquid measurement, recombinant DNA technology, protein purification and identification, and cell culture

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

	L1	L2	L3	L4	L5
P1	5	5	5	4	5
P2	5	4	5	4	4
P3	5	5	4	5	5
P4	5	5	3	5	4
P5	5	5	3	4	5
P6	5	5	4	5	5
P7	5	5	5	5	5
P8	5	4	4	4	4
P9	5	4	5	5	4
P10	5	4	5	5	5
P11	5	5	5	4	5
P12	5	5	4	5	4
P13	5	5	4	3	4

