



## AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Research Publish Ethics							
Course Code		MBTK634		Couse Level		Third Cycle (Doctorate Degree)			
ECTS Credit	2	Workload	52 (Hours)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course		Aim of this course is give an information about issues important to convert scientific research to a text.							
Course Content		Scientific ethics-publishing ethics concept, regulations about publishing ethics, ethics infractions, reference principles							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Discussion, Individual Study					
Name of Lecturer(s)		Prof. Gamze BAŞBÜLBÜL, Prof. İlnur DABANOĞLU							

### Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Midterm Examination	1	40
Final Examination	1	60

### Recommended or Required Reading

1	Akademik Etik, İ. Aydın, ISBN 6053185154
2	Bilimsel Araştırma ve E-Kaynaklar, ISBN:9786053273912

Week	Weekly Detailed Course Contents	
1	Theoretical	Scientific research and ethics concept
2	Theoretical	Basic principles of publishing ethics
3	Theoretical	Basic principles of publishing ethics
4	Theoretical	Ethic committes and their functions
5	Theoretical	Laws and regulations about publishing ethics
6	Theoretical	Reference to scientific research articles and reviews
7	Theoretical	Ethics infractions examples
8	Intermediate Exam	Midterm exam
9	Theoretical	Table, figure and visual material usage in manuscripts
10	Theoretical	Editorial ethics
11	Theoretical	Principles for publishing original research articles
12	Theoretical	Principles for publishing reviews
13	Theoretical	To write research reports
14	Theoretical	Web sources for ethical regulations
15	Final Exam	Final exam

### Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	13	0	2	26
Assignment	4	0	5	20
Midterm Examination	1	0	3	3
Final Examination	1	0	3	3
Total Workload (Hours)				52
[Total Workload (Hours) / 25*] = ECTS				2

\*25 hour workload is accepted as 1 ECTS

### Learning Outcomes

1	Be able to understand publishing ethics concept
2	Be able to get knowledge about ethical regulations in our country and World
3	Be able to realize ethics infractions



4	Be able to understand reference principles for manuscripts
5	Be able to understand publishing ethics concept

**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
P1	5	5	5	5
P2	5	5	5	5
P3	3	3	3	3
P4	5	5	4	4
P5	5	5	4	4
P6	3	3	3	3
P7	4	4	5	5
P8	4	4	5	5
P9	4	4	5	5
P10	4	4	5	5
P11	3	3	3	3
P12	3	3	3	3
P13	5	5	5	5

