AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title		Scientific Research and Publication Ethics					
Course Code		VBY658		Couse Level	Third Cycle (Doctorate Degree)		
ECTS Credit	2	Workload	50 (Hours)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course		To knowledge ethic, scientific ethic and to prevent the ethical problems					
Course Content		Ethic, ethic in scientific research, precautions of prevent the ethical violation					
Work Placement		N/A					
Planned Learning Activities and Teaching Methods		Explanation (Presentation), Demonstration					
Name of Lecturer(s)							

Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Midterm Examination	1	30
Final Examination	1	60
Assignment	1	10

Recommended or Required Reading

1	Research Design: Quantitative, Qualitative, and Mixed Methods Approaches, 3rd Edition, Thousand Oaks, CA: Sage. Day, R.A. (1996).
2	Toplumsal Araştırma Yöntemleri, Nitel ve Nicel Yaklaşımlar (Çev.: S. Özge), Yayın Odası, İstanbul. Murray, R. (2014).
3	Bilimsel Araştırma ve Yazma, Gizem Yayınları, İstanbul.

Week	Weekly Detailed Course Contents	
1	Theoretical	Ethic and mortality
2	Theoretical	Scientific Research
3	Theoretical	Scientific Ethic
4	Theoretical	Ethical rules in scientific studies
5	Theoretical	Ethical rules of research
6	Theoretical	Ethical rules for participants and subjects
7	Theoretical	Ethical rules of research process and results
8	Theoretical	Midterm
9	Theoretical	Pracy, theft, looting, plagsrism
10	Theoretical	Plagiarism detection programs
11	Theoretical	Ethical Comitee
12	Theoretical	Ethical rules of enimal experiments
13	Theoretical	preparing ethical committee report
14	Theoretical	Presentations
15	Theoretical	Evaluation
16	Theoretical	final exam

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	15	1	2	45
Midterm Examination	1	1	1	2
Final Examination	1	2	1	3
			Total Workload (Hours)	50
			[Total Workload (Hours) / 25*] = **ECTS**	2

*25 hour workload is accepted as 1 ECTS

Learning Outcomes

1	To knowledge for ethic, ethical rules and to prevent theethical problems in scientific researchs.

2	To be able to search literature and to have information about correct citation
3	To have knowledge about ethical theories, software related to ethics and legal limitations
4	To have knowledge about scientific writing and ethical report writing and able to apply
5	To have knowledge about research and publication ethics and evaluation of legislation

Programme Outcomes *(Biochemistry (Veterinary Medicine) Doctorate)*

1	Has a deep and broad knowledge about the field and the interdisciplinary area related with the field through the achievements gained in undergraduate and professional levels.
2	Has the knowledge to create original ideas, analyze them and develop definition/product/diagnosis methods by using the knowledge gained in undergraduate and/or professional experience, when needed.
3	Is knowledgeable about theories and practices in methodological and scientific research methods to run an independent research.
4	Excels in the laboratory, clinical and similar fields by using the theoretical and practical information gained in former education, and has the ability to create solutions in related fields.
5	Designs and develops scientific methodology for the advanced level/newly defined/emerged problems about the field.
6	Excels in the known scientific methods in the field for the advanced level/ newly defined/emerged problems.
7	Designs unique researches and implements independently.
8	Analyzes, synthesizes and evaluates the new ideas in related fields by using critical thinking.
9	Plans, creates teams and carries out the interdisciplinary research projects in order to create solutions to the known/newly defined problems.
10	Joins to congresses, panels, symposiums, workshops, seminars, article discussions and problem solving sessions in different disciplines, and exchanges information with the other professionals to contribute to the solutions.
11	Broadens the borders of scientific information by publishing scientific articles in national and/or international peer-reviewed journals.
12	Creates new ideas and methods to contribute to the technological, social and cultural progress, or to help the development of information society by using the theoretical, practical, independent research, abilities responsibly.
13	Designs and implements social projects with the awareness of creating an information society.
14	Compiles and interprets any type of data (field observation, scientific knowledge etc.) in accordance with the aims.
15	Develops and uses strategies about related topics with the field.
16	Implements and defends institutional and practical information and abilities in accordance with the needs of the country and the world, and changes when necessary.
17	Follows up and uses all the updates about the field (scientific information, legislations etc.), and has the qualification to change them.
18	Adopts lifelong learning as a principle and acknowledges that the information gained through research is the most valuable gain.

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	5	5
P2	5	5	5	5	5
P3	5	5	5	5	5
P5	4	4	4	4	4
P6	3	3	3	3	3
P7	4	4	4	4	4
P8	4	4	4	4	4
P10	4	4	4	4	4
P11	5	5	5	5	5
P18	5	5	5	5	5