



## AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Scientific Research Methods							
Course Code		VBH646		Course Level		Third Cycle (Doctorate Degree)			
ECTS Credit	2	Workload	48 ( <i>Hours</i> )	Theory	2	Practice	0	Laboratory	0
Objectives of the Course		Scientific Research Technics							
Course Content		The course provides a guidance towards the practice of scientific thought accepted as a universally common language and looks into the criteria for scientific language and writing. It also introduces the principles used in productive work such as theses, reports and articles which require internationally common writing and expression techniques. It also aims at introducing the steps of carrying out research and help students gain the ability to write on an international level.							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Demonstration, Discussion, Case Study					
Name of Lecturer(s)		Lec. Devrim BEYAZ							

### Assessment Methods and Criteria

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

### Recommended or Required Reading

1	Robert A. Day, Bilimsel Makale Nasıl Yazılır, Nasıl Yayınlanır Tübitak Yayınları 1996
2	Rauf Arıkan, Araştırma Teknikleri ve Rapor Hazırlama, Ankara 2005
3	Niyazi Karasar, Bilimsel Araştırma Yöntemi, Nobel Yayın Dağıtım 2012
4	Durmuş Ekiz, Bilimsel Araştırma Yöntemleri, Anı Yayıncılık 2009

Week	Weekly Detailed Course Contents	
1	Theoretical	Basic notion, principles and approaches
2	Theoretical	Source of information; science and scientific method
3	Theoretical	research and research education
4	Theoretical	Research procedure and techniques /Techniques to write a report
5	Theoretical	Quoting and bibliography
6	Theoretical	Quoting and bibliography
7	Theoretical	Research model
8	Theoretical	Midterm Examination
9	Theoretical	Objectives and Sub-Objectives; matter, assumptions, limitations and definitions
10	Theoretical	Population and sample
11	Theoretical	Data and data collecting techniques
12	Theoretical	Data processing and analysis
13	Theoretical	Results and their interpretation
14	Theoretical	Summary , verdict and recommendations; Preparing a sample report
15	Theoretical	Discussion



**Workload Calculation**

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Assignment	1	0	2	2
Individual Work	14	0	0.5	7
Midterm Examination	1	3	2	5
Final Examination	1	5	1	6
Total Workload (Hours)				48
[Total Workload (Hours) / 25*] = <b>ECTS</b>				2
*25 hour workload is accepted as 1 ECTS				

**Learning Outcomes**

1	To be able to apply the procedures pertaining to scientific research method
2	To be able to apply scientific writing techniques
3	To be able to identify publication types and evaluate them
4	To be able to do Internet, library and literature research
5	To be able to comment the results of research

**Programme Outcomes** (Food Hygiene and Technology (Veterinary Medicine) Doctorate)

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**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	4	4	4	4	4
P4	5	5	5	5	5
P6	5	5	5	5	5
P7	5	5	5	5	5
P9	5	5	5	5	5

