



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Scientific Research Techniques and Publication Ethics							
Course Code		LYM507		Couse Level		Second Cycle (Master's Degree)			
ECTS Credit	5	Workload	127 (Hours)	Theory	3	Practice	0	Laboratory	0
Objectives of the Course		The aim of the course is to introduce with main scientific research methods for graduate students, to provide, to experience preparing scientific research proposal, to implement appropriate research methods and to present statistical findings and conclusions in written format according to common scientific writing rules and publication ethics.							
Course Content		Scientific research methods, process of scientific research, research questions and hypotheses, searching of literature, making a citation, publication ethics, ethical standards and legal limitations, data collection and analysis techniques, observation, interviewing, questionnaire, experimentation, referencing, findings and conclusion, scientific spelling rules							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Discussion, Individual Study					
Name of Lecturer(s)		Lec. Güneş Açelya SİPAHİ							

Assessment Methods and Criteria

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

Recommended or Required Reading

1	Bilimsel Araştırma Yöntemleri – Niyazi KARASAR
2	Bilimsel Araştırma , Tasarım, Yazım ve Yayım Teknikleri
3	Sosyal Bilimlerde Araştırma Yöntemleri- Hasan TUTAR, Atatürk Üniversitesi (e-kitap)
4	Bilimsel Araştırma Teknikleri . Abdullah OKUMUŞ , İstanbul Üniversitesi (e-kitap)

Week	Weekly Detailed Course Contents	
1	Theoretical	Research Methodology
2	Theoretical	Determining the research topic
3	Theoretical	Defining the research problem
4	Theoretical	Searching of literature
5	Theoretical	Writing of hypotheses
6	Theoretical	Determining research methods and models
7	Theoretical	Collection and analysis of data
8	Theoretical	Citation rules and techniques of scientific research
9	Intermediate Exam	Midterms
10	Intermediate Exam	Midterms
11	Theoretical	Interpretation and writing of the report
12	Theoretical	The ethical principles of scientific publication
13	Theoretical	Ethical standards, legal limitations and software
14	Theoretical	Responsible research publication: international standards for authors
15	Theoretical	Regulation for research and broadcasting board of TUBITAK Directive for scientific research and publication ethics of YOK
16	Final Exam	Finals

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	13	0	3	39
Individual Work	13	0	2	26
Midterm Examination	1	25	1	26



Final Examination	1	35	1	36
Total Workload (Hours)				127
[Total Workload (Hours) / 25*] = ECTS				5
*25 hour workload is accepted as 1 ECTS				

Learning Outcomes

1	Explain scientific research and its characteristics
2	Experience the process of preparing scientific research proposal
3	Implement the suitable research methods and techniques for studies
4	Searching and citing of literatures
5	Learn data gathering and analysis techniques

Programme Outcomes (Logistics Management Interdisciplinary Master)

1	Being able to contribute to the institution the participant works for and the logistics sector by the use of the knowledge and abilities gained during the education period; and manage change in the institution and the sector;
2	Reaching a competency about contemporary business and technology applications in the area of logistics and supply chain management and analysis and strategy development methods;
3	Being able to create opportunities by combining supply chain management with information technologies and innovative processes by the use of the interdisciplinary courses the participants take;
4	Having the ability to develop creative solutions by working on global logistics and supply chain subjects and realizing these by the use of their project management knowledge;
5	Having the knowledge, abilities and capabilities required for effective logistics and supply chain management by the use of a problem and case analysis based learning;
6	Being able to examine logistics and supply chain processes with the management science viewpoint, analyze related concepts and ideas by scientific methods;
7	If continuing to work in the academia, having the necessary information on logistics applications; if continuing to work in the sector, having the necessary knowledge on conceptual subjects;
8	Being able to specify appropriate research questions about his/her research area, conduct an effective research with the use of necessary methods and apply the research outcomes in the sector or the academia;
9	Being able to follow the changes and developments in the sector the participant works in, in order to keep his/her personal and professional competence updated and develop himself/herself when necessary;
10	Have the necessary capabilities to pursue doctoral studies in national and foreign institutions

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	3	2	4	4	4
P2	2	3	3	3	3
P3	3	2	3	2	2
P4	2	5	3	2	5
P5	3	3	2	3	2
P6		2	3	2	3
P7	5	3	1	5	3
P8	4	1	2	4	2
P9	3	3	3	4	3
P10	2	5	2	3	2

