



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Research Techniques On Agricultural Economics							
Course Code		ZTE518		Couse Level		Second Cycle (Master's Degree)			
ECTS Credit	8	Workload	198 (<i>Hours</i>)	Theory	2	Practice	2	Laboratory	0
Objectives of the Course		Teaching how a scientific research can be carried out depending on ethic rules and how a Scientific Research results can be reported							
Course Content		Research philosophy, scientific research process, research topic/problem identification, sources of data, critical source selection, development of hypotheses, development of research problems and objectives, research planning, data collection, sampling concepts and designs, quantitative analysis methods, qualitative analysis methods, reporting with computer applications.							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Case Study, Individual Study, Problem Solving					
Name of Lecturer(s)		Prof. Göksel ARMAĞAN							

Assessment Methods and Criteria

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

Recommended or Required Reading

1	Day,R. 2000. Bilimsel Bir Makale Nasıl Yazılır ve Yayınlanır? Çeviri: Gülay Aşkar Altay, TÜBİTAK Yayınları, Ankara, 233
2	Turan, Z.M., 1995. Araştırma ve Deneme Metodları. UÜZF Ders Notları No:62, Bursa
3	Gomez, K.A., and A.A.Gomez. 1983. Statistical Procedures for Agricultural Research. John Wiley Sons, Newyork
4	Little, T.M., and F.J. Hills. 1977. Agricultural Experimentation. Design and Analysis. John Wiley Sons, Newyork.

Week	Weekly Detailed Course Contents	
1	Theoretical	Scientific writing and its roots, course description
2	Theoretical	Scientific writing and its roots, course description
3	Theoretical	Ethics rules that will be kept in scientific research and cases
4	Theoretical	Scientific screening and resource findings
5	Theoretical	Importance of Scientific cites
6	Theoretical	Important sections at the Scientific Research report: Introduction
7	Theoretical	Important sections at the Scientific Research report: Material and method
8	Theoretical	Important sections at the Scientific Research report: Results and conclusions
9	Intermediate Exam	Presentation of results with graphical illustrations and tables+Midterm Exam
10	Theoretical	Reference presentation in an scientific research
11	Theoretical	Writing a scientific review article
12	Theoretical	Presentations conference and uses of body language
13	Theoretical	Presentations conference and uses of body language
14	Theoretical	Practical informations in writing article with English language
15	Theoretical	International science citation indexed journals in agriculture topic and their importance
16	Final Exam	Final Exam

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	3	2	70
Lecture - Practice	14	2	2	56
Midterm Examination	1	30	1	31



Final Examination	1	40	1	41
Total Workload (Hours)				198
[Total Workload (Hours) / 25*] = ECTS				8
*25 hour workload is accepted as 1 ECTS				

Learning Outcomes

1	To be able to have knowledge about research, ethic and plagiarism
2	To be able to show the writing of whole parts of a scientific thesis, report or an article on a case topic.
3	To be able to interpret a scientific excerpt and make cite
4	To be able to design the systematic structure while a scientific research convert to an article
5	to be able to present the tables and graphical illustrations in a scientific research in an understandable fashion

Programme Outcomes (Agricultural Economics Master)

1	To be able to comprehend and solve agricultural economic issues using Agricultural sciences and the basic principles of economic science.
2	To be able to access information, evaluate, interpret, and implement in the processes of the scientific research processes related to Agricultural economy.
3	To be able to integrate the relationship between the use of natural resources and productivity, with environmental, food safety and sustainability objectives
4	To be able to predict the effects of economic and political developments on the Turkish agricultural sector, to be able to view, comprehend and interpret national and international agricultural markets, to be able to apply the innovative methods.
5	To be able to communicate with all actors showing activity in the countryside at the required level of behavior science, to detect problems, and to be able to conduct joint project.
6	To be able to lead multi-disciplinary studies in agricultural sciences, to be able to enhance solutions in complex situations and to be able to take responsibility.
7	To be able to raise awareness about the new and developing practices of the job, to be able to review and learn these when needed.
8	To be able to use theoretical and practical information in agricultural economics.
9	To be able to design innovative solutions integrating the original ideas and methods in agriculture and the economy with the system, part or process designs.
10	To be able to articulate the idea, and the findings about the research topic verbal and written in an effective way.

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				
P8		5	5	5	
P9		5	5	5	
P10					5

