AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title	Evaluation of Research Results and Preparation For a Scientific Article								
Course Code	KHÜ522		Couse Level	Second Cycle (Master's Degree)					
ECTS Credit	8	Workload	196 *(Hours)*	Theory	2	Practice	2	Laboratory	0
Objectives of the Course	The main objective of this course is to define data types, data collection methods, table and graphical presentation of data, theoretical distributions, distribution criteria, data analysis (descriptive and analytical analysis, parametric, nonparametric methods, correlation, regression analysis, multivariate analysis methods) The aim of this course is to make students aware of data presentation and evaluation.								
Course Content	In this course, data definition, types, data collection methods, table and graphical presentation of data, theoretical distributions, distribution criteria, data analysis (descriptive and analytical analysis, parametric, nonparametric methods, correlation, regression analysis, multivariate analysis methods) data in research presentation and evaluation.								
Work Placement	N/A								
Planned Learning Activities and Teaching Methods	Explanation (Presentation), Discussion, Individual Study, Problem Solving								
Name of Lecturer(s)									

Assessment Methods and Criteria		
Method	Quantity	Percentage (%)
Midterm Examination	1	20
Final Examination	1	60
Assignment	1	20

Recommended or Required Reading	
1	Prof.Dr. Gazanfer Aksakoğlu, Sağlıkta araştırma ve çözümleme, D.E.Ü. Rektörlük Basımevi, İzmir, 2006.

Week	Weekly Detailed Course Contents	
1	Theoretical	Data definition, types, classification, data sources
2	Theoretical	Central distribution criteria (criteria indicating location)
3	Theoretical	Central distribution criteria (widespread criteria)
4	Theoretical	Presentation of data with tables and graphics
5	Theoretical	Theoretical distributions
6	Theoretical	Statistical programs used in data analysis
7	Intermediate Exam	Mid-term exam
8	Theoretical	Significance tests 1 (parametric methods)
9	Theoretical	Significance tests 2 (nonparametric methods)
10	Theoretical	Correlation, regression analysis
11	Theoretical	Multivariate analysis methods 1
12	Theoretical	Multivariate analysis methods 2
13	Theoretical	Presentation and evaluation of research data
14	Theoretical	Analyzing data on samples
15	Final Exam	Final exam

Workload Calculation				
Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	13	1	3	52
Assignment	4	15	2	68
Midterm Examination	1	24	2	26
Final Examination	1	48	2	50
			Total Workload (Hours)	196
			[Total Workload (Hours) / 25*] = **ECTS**	8
**25 hour workload is accepted as 1 ECTS*				

Learning Outcomes	
1	Have information about data definition, types, data collection methods
2	Present the data in tables and graphs
3	Have knowledge about theoretical distributions and distribution criteria
4	Have an idea about data analysis (descriptive and analytical analysis, parametric, nonparametric methods, correlation, regression analysis, multivariate analysis methods)
5	Gains knowledge of data presentation and evaluation in research.

Programme Outcomes *(Stem Cell and Regenerative Medicine Interdisciplinary Master)*	
1	To have comprehensive and in-depth knowledge of Stem Cell and Regenerative Medicine
2	To have information about stem cell production and characterization
3	To learn stem cell sources, stem cell types and their differences
4	To understand the molecular and genetic structure of stem cells
5	To be able to learn and make stem cell culture methods
6	To be able to adapt the knowledge in the field of stem cells to research in line with current developments
7	To be able to use molecular laboratory methods used in stem cell research
8	Learning in vitro disease models and in vivo experiments related to stem cells
9	To have knowledge about stem cell therapies and clinical use
10	Conduct independent research in accordance with the principles of research and publication ethics

Contribution of Learning Outcomes to Programme Outcomes *1:Very Low, 2:Low, 3:Medium, 4:High, 5:Very High*

	L1	L2	L3	L4	L5
P6	4	4	4	4	4
P10	4	4	4	4	4