AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title	Bioistatistic								
Course Code	KİM655		Couse Level	Third Cycle (Doctorate Degree)					
ECTS Credit	8	Workload	200 *(Hours)*	Theory	3	Practice	0	Laboratory	0
Objectives of the Course	This course is to acquaint biostatistics students with fundamental concept of biostatistics, and to introduce importance of biostatistics in their daily and orcupation lives.								
Course Content	Introduction, Definitions, Collecting knowledge, classification of data, Critarions of distribution, diagrams, hipothesis test, Methods of parametric, Regrassions and Corelations, General practice.								
Work Placement	N/A								
Planned Learning Activities and Teaching Methods	Explanation (Presentation), Discussion, Case Study, Individual Study								
Name of Lecturer(s)									

Assessment Methods and Criteria		
Method	Quantity	Percentage (%)
Midterm Examination	1	20
Final Examination	1	35
Assignment	3	45

Recommended or Required Reading	
1	Sümbüloğlu K. ve V, Biyoistatistik, 6 bs. Özdemir Yayıncılık, Ankara, 1995
2	Şenocak M, Biyoistatistik,2 bs., Cerrahpaşa Tıp Fakültesi Yayını, No:214, İstanbul, 1998.

Week	Weekly Detailed Course Contents	
2	Theoretical	Basic bioistatistic definitions
3	Theoretical	Collecting knowledge
4	Theoretical	Classification of data
5	Theoretical	Critarions of distribution
6	Theoretical	Critarions of distribution
7	Theoretical	Diagrams
8	Theoretical	Hypothesis test
9	Theoretical	Methods of parametric
10	Intermediate Exam	Midterm exam
11	Theoretical	Methods of parametric
12	Theoretical	Regrassions and Corelations
13	Theoretical	Regrassions and Corelations
14	Theoretical	General practice
15	Theoretical	General practice
16	Final Exam	Final Exam

Workload Calculation				
Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	3	42
Assignment	6	0	12	72
Midterm Examination	1	30	2	32
Final Examination	1	52	2	54
			Total Workload (Hours)	200
			[Total Workload (Hours) / 25*] = **ECTS**	8
**25 hour workload is accepted as 1 ECTS*				

Learning Outcomes	
1	Learns the basic principles of biostatistics.

2	Learns how to evaluate biochemical data.
3	Knows the theory of regression and correlation.
4	to able to have knowledge about parametric methods
5	Investigation of the scientific papers containing biostatistic

Programme Outcomes *(Chemistry Doctorate)*	
1	Depending on the master degree competences, develops, insights and innovates current and advanced knowledge and/or research in proficiency level.
2	Gains high skill levels in using research methods in the field of his/her study.
3	Comprehends the interaction between disciplines related to his/her field. Reaches to original results using his/her expertise in order to analyze, synthesize and evaluate new and complicated ideas.
4	Enlarges the boundaries of his/her field of knowledge by publishing at least one research paper in national and/or international peer-reviewed journals.
5	Defends his/her original opinions related to his/her field before authority and communicates effectively illustrating his/her competence.
6	May communicate and debate written, orally and visually in European Language Portfolio level C1.
7	Follows the developments in computer software and information and communication technologies developed for his/her research area and uses these in order to solve research problems.
8	Collaborates for scientific research with national and international research teams.
9	Contributes to the course of creation and maintenance of knowledge based society and by introducing the scientific, social and cultural developments to the society he/she is living in.

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	4	4	5	5	5
P2	5	5	5	5	5
P3			4		
P4	5	5		5	5
P8	3	3			