BIOSTATISTICS										
1	Course Title:	BIOSTA	BIOSTATISTICS							
2	Course Code:	SAB 600	01							
3	Type of Course:	Compuls	SOry							
4	Level of Course:	Third Cy	cle							
5	Year of Study:	1								
6	Semester:	1								
7	ECTS Credits Allocated:	5.00								
8	Theoretical (hour/week):	2.00								
9	Practice (hour/week):	2.00								
10	Laboratory (hour/week):	0								
11	Prerequisites:	None								
12	Language:	Turkish								
13	Mode of Delivery:	Face to	face							
14	Course Coordinator:	Prof. Dr.	GÖKHAN OCAKOĞLU							
15	Course Lecturers:	Prof. Dr. İlker ERCAN Doç.Dr. Deniz SIĞIRLI Doç.Dr. Gökhan OCAKOĞLU Doç. Dr. Güven ÖZKAYA								
16	Contact information of the Course Coordinator:	Prof. Dr. İlker ERCAN Doç.Dr. Deniz SIĞIRLI Doç.Dr. Gökhan OCAKOĞLU Doç. Dr. Güven ÖZKAYA ercan@uludag.edu.tr 2953888 Uludağ Üniversitesi, Tıp Fakültesi, Biyoistatistik AD.16059, Nilüfer, BURSA								
17	Website:	http://saglikbilimleri.uludag.edu.tr/anabilimdallari.php								
18	Objective of the Course:	Importance of biostatistic, presenting and summarizing data, selection of sample, to give basic information about statistical comparisons.								
19	Contribution of the Course to Professional Development:	Contribution to academic development								
20	Learning Outcomes:									
		1	Understanding the importance of statistical methods in studies							
		2	Understanding of the points to be considered in experimental design							
		3	Planning a study							
		4	Determining required sample size for a study							
		5	Preparing data for analysis							
		6	Interpretation of analysis results							
		7	Preparing tables and figures for visualization of analysis result							
		8								
		9								
		10								
21	Course Content:									

Week							С	our	se Co	ntent:									
week	Theoret	ical						Pi	Practice										
1	Biostatis Way of c								Recognizing Statistical Packages and SPSS Entering data in SPSS										
2	Summar Graph di			ormati	on			Gı	Graph drawing in SPSS										
3	Means Distribut	ion sca	ales					Ap	Application in SPSS										
4	Probabil Binomial		oution					Dr	Drawing tables with computer programs										
5	Poisson Sampling		ution a	and pi	obabili	ity		Ca	Calculation of sample size and probability										
6	Hypothe Normal o	sis tes distribu	ts Ition					Ap	plication	on in S	PSS								
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8	t distribu	tion ar	nd test					Ap	plication	on in S	PSS								
9	One-way	ANO	VA, tw	o-wa	ANO	VA		Ap	plication	on in S	PSS								
10	Chi-squa	are dist	tributic	on and	d test			Ap	plication	on in S	PSS								
11	Chi-squa	are dis	tributic	on and	test			Ap	plication	on in S	PSS								
12	Nonpara	metric	tests					Ap	plication	on in S	PSS								
13	Nonpara	metric	tests					Ap	Application in SPSS										
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Contrib ution Level:	ition				2 low			3 Medium			4 High			5 Very High			
LO: Learning Objectives PQ: Program Qualifications																	
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ÖK6	4	4	0	0	0	0	4	0	0	4	0	0	0	0	0	0	
ÖK5	4	4	0	0	0	0	4	0	0	4	0	0	0	0	0	0	
ÖK4	4	4	0	0	0	0	4	0	0	4	0	0	0	0	0	0	
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