	PH	ARMA	COGENETIC							
1	Course Title:	PHARM	ACOGENETIC							
2	Course Code:	TTIP6006								
3	Type of Course:	Optional								
4	Level of Course:	Third Cy								
5	Year of Study:	1								
6	Semester:	2								
7	ECTS Credits Allocated:	5.00								
8	Theoretical (hour/week):	2.00								
9	Practice (hour/week):	0.00								
10	Laboratory (hour/week):	0								
11	Prerequisites:									
12	Language:	Turkish								
13	Mode of Delivery:	face								
14	Course Coordinator:	Prof. Dr. MUSTAFA SERTAÇ YILMAZ								
15	Course Lecturers:									
16	Contact information of the Course Coordinator:	sertacyilmaz@uludag.edu.tr +90 224 295 3566 Uludağ Üniversitesi Tıp Fakültesi Tıbbi Farmakoloji Anabilim Dalı, Görükle, Bursa 16059								
17	Website:									
18	Objective of the Course:	This course focuses on principles of general pharmacology and pharmacogenetics which may affect the drug metabolism and action.								
19	Contribution of the Course to Professional Development:	Administration of the proper drug to the suitable patient via personal drug metabolism that acquired from pharmacogenetic info will decrease side effects and improve health economy.								
20	Learning Outcomes:									
		1	To be able to define general information and concepts about pharmacogenetics and to describe the genetic changes in the enzymes responsible for the metabolism of drugs;							
		2	To understand the mechanisms that change the effects and bioavailability of drugs at the molecular level;							
		3	To be able to evaluate and differentiate genetic characteristics that change the effects of drugs used for diagnosis and treatment;							
		4	To be able to define the molecules that mediate the side effects of drugs and to establish their relationship with pharmacogenetics, if any.							
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		8								
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21	Course Content:									
		Co	ourse Content:							

Week	Theo	oreti	cal						P	ractice	;									
1	Introd Basic				nacolo	ogy De	finitic	on and												
2				narma omics		netics, Basic C	once	pts												
3	Indivi	dua	l Trea	tment	s and	Pharm	nacog	jenetic	s											
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5						cokinet Enzym		ue to												
6						cokinet Enzyr		ue to												
7						cokinet Enzyr		ue to												
8	Drug	Pha	armac	okinet	ics wi	th Cas	e Exa	amples												
9						nsporto Insport		ecules												
10						sporto ranspo														
11	Carry	ring	Drugs	s with	Case	isporto Examp	oles													
12						codyna Deficie		Due to												
13						codyna Gene														
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Practicals/Labs									_	0 0.00				1041120	0.00					
Self_stu	dy an	d pr	gpera	ition						15 6.00					90.00					
	Self study and preperation Assessment Homeworks									5				6.00			30.00			
Project	-									0						0.00				
Field S	Studies						1			0						0.00				
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Others										0						0.00				
Final E	Xams						·	1	6	400			5.00			5.00				
Total V																153.00				
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	Oratribution at Terms (Year) Learning Activities to CTS Credit of the Course ontribution of Final Exam to Success Grade															5.00				
Total									1(00.00										
Measu Course	Course										Measurement and evaluation are performed according to the Rules & Regulations of Bursa Uludağ University on Undergraduate Education.									
24	ECT	S /				TAB														
25				CON	TRIE	BUTIC	ON O			NING		COMES	S TO	PRO	GRAN	IME				
	P	Q1	PQ2	PQ3	PQ4	PQ5	POG	PQ7	PO	8 PO9	PO1	PQ11	PQ12	P01	PQ14	PQ15	PQ16			
		~'									0		12	3						
ÖK1	5		4	5	5	1	2	1	2	3	1	4	1	0	0	0	0			

ÖK2	4	2	3	2	3	4	1	3	2	3	4	1	0	0	0	0
ÖK3	5	3	2	3	2	2	2	2	1	4	5	2	0	0	0	0
ÖK4	5	2	3	2	5	2	3	1	5	2	3	2	0	0	0	0
LO: Learning Objectives PQ: Program Qualifications																
Contrib ution Level:	ution				2 low		3	Medi	um	4 High			5 Very High			