	GENER	AL PH	IARMACOLOGY								
1	Course Title:	GENER	ERAL PHARMACOLOGY								
2	Course Code:	TFR500	1								
3	Type of Course:	Compuls	sory								
4	Level of Course:	Second	Cycle								
5	Year of Study:	1	1								
6	Semester:	1									
7	ECTS Credits Allocated:	2.00									
8	Theoretical (hour/week):	1.00									
9	Practice (hour/week):	0.00									
10	Laboratory (hour/week):	0									
11	Prerequisites:	None									
12	Language:	Turkish									
13	Mode of Delivery:	Face to t	face								
14	Course Coordinator:	Prof. Dr.	R.Levent BÜYÜKUYSAL								
15	Course Lecturers:	Yok									
16	Contact information of the Course Coordinator:	Irbuyuk@uludag.edu.tr 4428830 UÜ Tıp Fak. Tıbbi Farmakoloji Anabilim Dalı									
17	Website:										
18	Objective of the Course:	To learn about the basic principles of pharmacokinetics and pharmacodynamics of drugs.									
19	Contribution of the Course to Professional Development:	Be able to comment on the changes of drug effect that may occur depending on the their pharmacocinetic and pharmacodynamic properties.									
20	Learning Outcomes:										
		1	Knowing the pharmacokintetics properties of drugs .								
		2	Knowlede about the mechanism of drug action.								
		3	Be able to comment on the receptor and postreceptor events.								
		4	Be able to comment on the changes of drug effect that may occur depending on the their pharmacokinetic properties.								
		5	Be able to comment on the changes of drug effect that may occur depending on the their pharmacodynamic properties.								
		6	Interpretation of the plasma concentration-time curves of drugs								
		7	Kowing the dose-effects relationship of drugs and interpret the graphs showing this relationship.								
		8	In the case of drug action is different than expected, make a comment about the factors that caused it.								
		9	Able to perform basic pharmacokinetic calculations.								
		10									
21	Course Content:										
		Co	ourse Content:								
Week	Theoretical Practice										

1	Definit pharm	aior aco	ns an kinet	d intro ic: Dru	oducti ug abs	on to sorbtioi	n.													
2	Route pharm these	s of aco rout	drug kinet es.	admii ic proj	nistrat pertie	tion and s assoc	d ciated	in												
3	Distrib	itior	n of d	rugs.																
4	Metab	olisr	m of	drugs.																
5	Elimin	atio	n of c	drugs.																
6	Recep effect.	tor	conc	ept an	d me	chanisr	n of d	rug												
7	Plasm	a cc	onser	ntratio	n-time	e curve	s of d	rugs.												
8	Relation effect.	onsh	nip be	etweei	n the	dose a	nd dru	ıg												
9	Pharm	armacokinetic drug interactions.																		
10	Pharm	aco	dyna	mic d	rug in	teractio	ons.													
11	Factor	tors that alter the drug effect.																		
12	Adver	vers drug effects.																		
13	Clinica	inical drug research.																		
14	Basic	sic pharmacokinetic calculatoins.																		
22	Textbo Materi	extbooks, References and/or Other aterials: Rasyonel Tedavi Yönünden Tıbbi Farmakoloji, Oğuz Kayaalp, 12. Baskı, Pelikan Yayınevi, 2009, ISBN 978- 9944-119-74-0													78-					
Activites								1	Number				ition ((hour)	Total Work Load (hour)					
Theore	Theoretical									1274118-9				011, 201	14.00					
Practic	acticals/Labs									0			0.00			0.00				
Self stu	A LASSESMENT Study and preperation										30			1.00			30.00			
Homev	meworks									1			12.00			12.00				
Ridjeri	te Exam									0.00			0.00	0.00						
Field S	Studies									0			0.00			0.00				
Midter	W9¥90	ð jec	ct				0		0.6	0.00			0.00	0.00			0.00			
Others										0			0.00			0.00				
Final E	xams						1		10	100.00					6.00					
Total V	Vork Lo	ad														62.00				
ଚ ନ୍ଧାର୍ଥ	ହାର ଜଣା ସେଥିଲେ ସେଥିଲେ । ସେଥିଲେ । ଜଣା ସେଥିଲେ ।															2.07				
ECTS	ECTS Credit of the Course															2.00				
Total											100.00									
Measu Course	irement e	and	l Eva	luatio	n Tec	hnique	s Use	d in th	e Fin	al exa	m									
24	ECTS	5/\	WO	RK L	OAD	TAB	LE													
25	;		(CON	TRIE	BUTIO	N O	F LE/ C	ARN Qua	ing Lific		COME: NS	S TO I	PROC	GRAM	ME				
	P	Q1 F	PQ2	PQ3	PQ4	PQ5	PQ6	PQ7	PQ8	PQ9	PQ1 0	PQ11	PQ12	PQ1 3	PQ14	PQ15	PQ16			
ÖK1	5	4	1	0	0	0	4	0	0	0	0	0	0	0	0	0	0			
ÖK2	5	C)	0	0	0	0	0	0	0	0	0	0	0	0	0	0			

ÖK3	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK4	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK5	5	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0
ÖK6	5	0	4	3	0	0	0	0	0	0	0	0	0	0	0	0
ÖK7	5	0	4	3	0	0	0	0	0	0	0	0	0	0	0	0
ÖK8	5	4	3	0	0	0	0	0	2	0	0	0	0	0	0	0
ÖK9	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LO: Learning Objectives PQ: Program Qualifications																
Contrib 1 very low ution Level:			2 low			3 Medium			4 High			5 Very High				