

**Course Title: Pharmacology
Academic year 2011 / 2012**

Second Year / First Semester

CODE	COURSE TITLE	TIME	Learning Met	WEEK
General Pharmacology				
1021PHARM1Gen01	Definitions & drug Terminology	1	L	1
1021PHARM1Gen02	Routes of drug administration I	1	L	
1021PHARM1Gen03	Routes of drug administration II	1	L	
1021PHARM1Gen04	Factors affecting absorption of drugs I	1	L	
1021PHARM1Gen05	Factors affecting absorption of drugs II	1	L	
1021PHARM1Gen06	Factors affecting absorption of drugs III	1	L	2
1021PHARM1Gen07	Drug distribution I	1	L	
1021PHARM1Gen08	Drug distribution II	1	L	
1021PHARM1Gen09	Drug metabolism I	1	L	
1021PHARM1Gen10	Drug metabolism II	1	L	3
1021PHARM2Gen01	practical	1	P	
1021PHARM1Gen11	Elimination of drugs	1	L	4
1021PHARM1Gen12	Factors affecting response of drugs I	1	L	
1021PHARM1Gen13	Factors affecting response of drugs II	1	L	
1021PHARM1Gen14	Adverse drug reactions I	1	L	
1021PHARM1Gen15	Adverse drug reactions II	1	L	
1021PHARM1Gen16	Drug Interactions	1	L	5
1021PHARM2Gen02	practical	1	P	
Drugs affecting Autonomic System				
1021PHARM1D.A.S17	Cholinergic drugs – Actions of Acetylcholine (Prototype) II	1	L	6
1021PHARM1D.A.S18	Cholinergic drugs – Actions of Acetylcholine (Prototype) III	1	L	
1021PHARM1D.A.S19	Esters of acetylcholine & Natural Alkaloids I	1	L	
1021PHARM1D.A.S20	Esters of acetylcholine & Natural Alkaloids II	1	L	
1021PHARM1D.A.S21	Reversible Cholinesterase Inhibitors I	1	L	7
1021PHARM1D.A.S22	Irrreversible Cholinesterase Inhibitors	1	L	
1021PHARM1D.A.S03	practical	1	P	
1021PHARM1D.A.S23	Anti-cholinergic drugs - Actions of Atropine (Prototype) I	1	L	
1021PHARM1D.A.S24	Anti-cholinergic drugs - Actions of Atropine (Prototype) II	1	L	8
1021PHARM1D.A.S25	Synthetic substitutes of Atropine I	1	L	
1021PHARM1D.A.S26	Neuromuscular blocking agents I	1	L	
1021PHARM1D.A.S27	Neuromuscular blocking agents II	1	L	
1021PHARM1D.A.S04	practical	1	P	
1021PHARM1D.A.S28	Adrenergic drugs – Drugs affecting synthesis, storage, release	1	L	9
1021PHARM1D.A.S29	Actions, uses and side effects of Adrenaline I	1	L	
1021PHARM1D.A.S30	Comparative actions and uses of Noradrenaline & Isoprenaline	1	L	
1021PHARM1D.A.S31	Comparative actions and uses of Dopamine & Dobutamine I	1	L	
1021PHARM1D.A.S32	alpha- Adrenergic agonists and Nasal decongestants	1	L	
1021PHARM1D.A.S33	beta- Adrenergic agonists	1	L	10
1021PHARM1D.A.S34	alpha- Adrenergic Blocking Agents	1	L	
1021PHARM1D.A.S35	beta-Adrenergic blocking Agents I	1	L	

1021PHARM1D.A.S36	beta-Adrenergic blocking Agents II	1	L	
1021PHARM1D.A.S05	practical	1	P	
AUTOCOIDS				
1021PHARM1AUT37	Histamine actions and liberators	1	L	11
1021PHARM1AUT38	H1 – Receptor Antagonists I	1	L	
1021PHARM1AUT39	H1 – Receptor Antagonists II	1	L	
1021PHARM1AUT40	Prostaglandins its role and preparations I	1	L	
1021PHARM1AUT41	Prostaglandins its role and preparations II	1	L	12
1021PHARM1AUT42	5-HT actions and receptors	1	L	
1021PHARM1AUT43	5-HT antagonists	1	L	
1021PHARM1AUT44	nitric oxide and its pharmacological implication	1	L	13
1021PHARM1AUT45	Renin-angiotensin – role and antagonists	1	L	
1021PHARM1AUT46	Kalikrein-Kinin system	1	L	
1021PHARM1AUT06	practical	1	P	
Drugs acting on G.I.T				
1021PHARM1GIT47	Drugs used in the treatment of peptic ulcer I	1	L	13
1021PHARM1GIT48	Drugs used in the treatment of peptic ulcer II	1	L	14
1021PHARM1GIT49	Drugs used in the treatment of peptic ulcer III	1	L	
1021PHARM1GIT50	Drugs used in the treatment of peptic ulcer IV	1	L	
1021PHARM1GIT51	Laxatives I	1	L	
1021PHARM1GIT52	Laxatives II	1	L	
1021PHARM1GIT53	Anti-diarrhoeal drugs I	1	L	
1021PHARM1GIT54	Anti-diarrhoeal drugs II	1	L	15
1021PHARM1GIT55	Antiemetics I	1	L	
1021PHARM1GIT56	Antiemetics II	1	L	
1021PHARM1GIT57	inflammatory bowel diseases	1	L	
1021PHARM1GIT58	inflammatory bowel diseases	1	L	
1021PHARM2GIT07	practical	1	P	16

Second Year / Second Semester

CODE	COURSE TITLE	TIME	ing Met	WEEK
Miscellaneous : Anti-infective agents				
1022PHARM1MIS01	General principles for the use of Antibiotics	2	L	1
1022PHARM1MIS02	Penicillins I	1	L	
1022PHARM1MIS03	Penicillins II	1	L	
1022PHARM1MIS04	Semi-Synthetic Penicillins I	1	L	
1022PHARM1MIS05	Semi-Synthetic Penicillins II	1	L	
1022PHARM1MIS06	Cephalosporins I	1	L	
1022PHARM2MIS07	Cephalosporins II	1	L	2
1022PHARM1MIS01	Cephalosporins III	1	P	
1022PHARM1MIS08	Aminoglycosides	2	TBL	
1022PHARM1MIS09	Tetracyclines	2	L	
1022PHARM1MIS10	Chloramphenicol	2	L	
1022PHARM1MIS11	Erythromycins	2	L	
1022PHARM1MIS12	Quinilones I	1	L	

1022PHARM1MIS13	Quinilones II	1	L	3
1022PHARM1MIS14	Sulpha drugs I	1	L	
1022PHARM1MIS15	Sulpha drugs II	1	L	
1022PHARM1MIS16	Sulpha drugs III	1	L	
1022PHARM1MIS02	practical antibiotic	1	P	
Miscellaneous : anti neoplastic drugs				
1022PHARM1MIS17	Antifungals	2	L	13
1022PHARM1MIS18	Antivirals I	1	L	
1022PHARM1MIS19	Antivirals II	1	L	
1022PHARM1MIS20	Antiamoebic drugs I	1	L	
1022PHARM1MIS21	Antimalarials I	1	L	
1022PHARM1MIS22	Anthelmintics I	1	L	
1022PHARM1MIS23	Anti-neoplastic drugs I	1	L	14
1022PHARM1MIS24	Anti-neoplastic drugs II	1	L	
1022PHARM1MIS25	Anti-neoplastic drugs III	1	L	
1022PHARM1MIS26	Anti-neoplastic drugs IV	1	L	
1022PHARM1MIS03	practical	1	P	
Drug affecting cardiovascular system and blood.				
1022PHARM1CVS27	Drugs in the treatment of congetive heart failure I	1	L	4
1022PHARM1CVS28	Drugs in the treatment of congetive heart failure II	1	L	
1022PHARM1CVS29	Drugs in the treatment of congetive heart failure III	1	L	
1022PHARM1CVS30	Drugs in the treatment of congetive heart failure IV	1	L	
1022PHARM1CVS31	Drugs in the treatment of congetive heart failure V	1	L	
1022PHARM1CVS32	Antihypertensive drugs I	1	L	5
1022PHARM1CVS33	Antihypertensive drugs II	1	L	
1022PHARM1CVS34	Antihypertensive drugs III	1	L	
1022PHARM1CVS35	Antihypertensive drugs IV	1	L	
1022PHARM1CVS36	Antianginal drugs I	1	L	
1022PHARM1CVS37	Antianginal drugs II	1	L	6
1022PHARM1CVS38	Antianginal drugs III	1	L	
1022PHARM1CVS39	Antiarrhythmic drugs I	1	L	
1022PHARM1CVS40	Antiarrhythmic drugs II	1	L	
1022PHARM1CVS41	Antiarrhythmic drugs III	1	L	
1022PHARM1CVS42	Antiarrhythmic drugs IV	1	L	
1022PHARM1CVS43	Hypolipidaemics I	1	P	7
1022PHARM1CVS44	Hypolipidaemics II	1	L	
1022PHARM1CVS45	Hypolipidaemics III	1	L	
1022PHARM1CVS46	Anticoagulants I	1	L	
1022PHARM1CVS47	Anticoagulants II	1	L	
1022PHARM1CVS48	Anticoagulants III	1	L	
1022PHARM1CVS49	Thrombolytics I	1	L	
1022PHARM1CVS50	Thrombolytics II	1	L	8
1022PHARM1CVS51	Drugs in treatment of shock I	1	L	
1022PHARM1CVS52	Drugs in treatment of shock II	1	L	
1022PHARM2CVS04	practical cvs	1	P	9
1022PHARM2CVS05	practical cvs	1	P	

1022PHARM2CVS06	practical cvs	1	P	
Drugs used in Respiratory Diseases				
1022PHARM1Res53	Drugs in the treatment of Bronchial Asthma I	1	L	10
1022PHARM1Res54	Drugs in the treatment of Bronchial Asthma II	1	L	
1022PHARM1Res55	Drugs in the treatment of Bronchial Asthma III	1	L	
1022PHARM1Res56	Drugs in the treatment of Bronchial Asthma IV	1	L	
1022PHARM1Res57	Drugs in the treatment of Bronchial Asthma V	1	L	
1022PHARM1Res58	Anti TB Drugs I	1	L	11
1022PHARM1Res59	Anti TB Drugs II	1	L	
1022PHARM1Res60	Anti TB Drugs III	1	L	
1022PHARM1Res61	Mucolytics, Cough Suppressants, Demulsants I	1	L	
1022PHARM1Res62	Mucolytics, Cough Suppressants, Demulsants II	1	L	12
1022PHARM1Res63	Allergic Rhinitis	1	L	
1022PHARM2Res07	practical respiratory	1	P	
1022PHARM2Res08	practical respiratory	1	P	
Drugs affecting Renal Functions				
1022PHARM1Renal64	Diuretics I	1	L	15
1022PHARM1Renal65	Diuretics II	1	L	
1022PHARM1Renal66	Diuretics III	1	L	
1022PHARM1Renal67	Diuretics IV	1	L	
1022PHARM1Renal68	AntiDiuretics	1	L	
1022PHARM1Renal69	treatment of urinary tract infection	2	TBL	16
1022PHARM2Renal09	practical renal	1	P	

Third Year / First Semester

CODE	COURSE TITLE	TIME	hing Met	WEEK
Drugs affecting the Central Nervous System				
1031PHARM1CNS01	Narcotic analgesics I	1	L	1
1031PHARM1CNS02	Narcotic analgesics II	1	L	
1031PHARM1CNS03	Narcotic analgesics III	1	L	
1031PHARM1CNS04	Narcotic analgesics IV	1	L	
1031PHARM1CNS05	Partial Agonists & antagonists I	1	L	2
1031PHARM1CNS06	Partial Agonists & antagonists II	1	L	
1031PHARM1CNS07	Non-Narcotic Analgesics I	1	L	
1031PHARM1CNS08	Non-Narcotic Analgesics II	1	L	
1031PHARM1CNS09	Non-Narcotic Analgesics III	1	L	3
1031PHARM1CNS10	practical drug dependance	2	p	
1031PHARM1CNS11	Nonsteroidal Anti-inflammatory drugs I	1	L	
1031PHARM1CNS12	Nonsteroidal Anti-inflammatory drugs II	1	L	
1031PHARM1CNS13	Nonsteroidal Anti-inflammatory drugs III	1	L	4
1031PHARM1CNS14	Antigout drugs I	1	L	
1031PHARM1CNS15	Antigout drugs II	1	L	
1031PHARM1CNS16	Drugs in the treatment of Rheumatoid Arthritis I	1	L	
1031PHARM1CNS17	Drugs in the treatment of Rheumatoid Arthritis II	1	L	
1031PHARM1CNS18	Antiparkinsonia drugs I	1	L	
1031PHARM1CNS19	Antiparkinsonia drugs II	1	L	

1031PHARM1CNS20	Antiparkinsonia drugs III	1	L	5
1031PHARM1CNS21	Antiepileptic drugs I	1	L	
1031PHARM1CNS22	Antiepileptic drugs II	1	L	
1031PHARM1CNS23	Antiepileptic drugs III	1	L	
1031PHARM1CNS24	Local anaesthetics I	1	L	
1031PHARM1CNS25	Local anaesthetics II	1	L	6
1031PHARM1CNS26	Pre-anaesthetic drugs	1	L	
1031PHARM1CNS27	I.V. Anaesthetic agents I	1	L	
1031PHARM1CNS28	I.V. Anaesthetic agents II	1	L	
1031PHARM1CNS29	Volatile and Gaseous Anaesthetic agents I	1	L	
1031PHARM1CNS30	Volatile and Gaseous Anaesthetic agents II	1	L	
1031PHARM1CNS31	Sedative & Hypnotics I	1	L	7
1031PHARM1CNS32	Sedative & Hypnotics II	1	L	
1031PHARM1CNS33	Anxiolytics I	1	L	
1031PHARM1CNS34	Anxiolytics II	1	L	
1031PHARM1CNS35	Psychotropic drugs I	1	L	
1031PHARM1CNS36	Psychotropic drugs II	1	L	8
1031PHARM1CNS37	Psychotropic drugs III	1	L	
1031PHARM1CNS38	Antidepressants I	1	L	
1031PHARM1CNS39	Antidepressants II	1	L	
1031PHARM1CNS01	Practical psychotherapy	1	p	
1031PHARM1CNS02	Practical psychotherapy	1	p	
Drugs affecting the Endocrine Functions				
1031PHARM1CNS40	Hypoglycaemic rug (Insulin) I	1	L	9
1031PHARM1CNS41	Hypoglycaemic rug (Insulin) II	1	L	
1031PHARM1CNS42	Hypoglycaemic rug (Insulin) III	1	L	10
1031PHARM1CNS43	Hypoglycaemic rug (Insulin) IV	1	L	
1031PHARM1CNS44	Oral Hypoglycaemics I	1	L	
1031PHARM1CNS45	Oral Hypoglycaemics II	1	L	
1031PHARM1CNS46	case study	1	L	
1031PHARM1CNS47	Corticosteroids I	1	L	11
1031PHARM1CNS48	Corticosteroids II	1	L	
1031PHARM1CNS49	Corticosteroids III	1	L	
1031PHARM1CNS50	Corticosteroids IV	1	L	
1031PHARM1CNS51	Thyroid Hormones & Anti-Thyroid drugs I	1	L	
1031PHARM1CNS52	Thyroid Hormones & Anti-Thyroid drugs II	1	L	
1031PHARM1CNS53	case study	1	L	12
1031PHARM1CNS54	Thyroid Hormones & Anti-Thyroid drugs III	1	L	
1031PHARM1CNS55	Drugs affecting the calcium Metabolism	1	L	
1031PHARM1CNS56	Male sex hormones & Anabolic Steroids I	1	L	
1031PHARM1CNS57	Male sex hormones & Anabolic Steroids II	1	L	
1031PHARM1CNS58	Female sex hormones&Contraceptive Steroids I	1	L	13
1031PHARM1CNS59	Female sex hormones&Contraceptive Steroids II	1	L	
1031PHARM1CNS60	Female sex hormones&Contraceptive Steroids III	1	L	
1031PHARM1CNS61	Oxytocics & Drugs used in Threatened Abortion I	1	L	
1031PHARM1CNS62	Oxytocics & Drugs used in Threatened Abortion II	1	L	