

College : Pharmacy Department : Pharmacology & Toxicology Stage : First Year

Course Syllabus for Medical Terminology

Name of the Teacher of the Course: Dr. Murtadha M. Al-Shareifi

Accademic Rank: Doctor Lecturer

Degree: Ph.D Pharmacology & Toxicology

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Course Title			111
	Pharmaco	ology I	
Academic System	X	Semester System	Annual
Course Objectives	define med care setting them disco roots, prefi each part o	rse, students will learn to p lical and pharmaceutical te gs. It will use a word-buildi ver connections and relatio ixes, and suffixes. They will of a complex medical and pl e to put the parts together a	rms used in health ng strategy that helps nships among word l learn the meaning of harmaceutical term.

Textbooks		gy, 1st Ed.		Course in M cott Williai	
	>				
Reference Books				SI	
Course Assessment for Semester System	Theoretical Content Exam	Laboratory work	Quizzes	Project	End Semester Examination
(%100)	25%		5%	200	70%
Course Assessment for Annual System (%100)	First Term	Midterm Exam	Second Term	Laboratory Work	Final Examination
(///////				1000	11
Additional Information	1×1				

Weekly Schedule for Medical Terminology

	1		
week	Theoretical Content	Laboratory Work	Notes
1	Basic word roots and common suffixes 1		
2	More word roots, suffixes and prefixes related to pharmaceutical sciences (pharmacognosy, clinical pharmacy, (pharmaceutics,etc 1		
3	Basic anatomical terms and abnormal conditions 2		232
4	The genitals and urinary tract 1		
5	The gastrointestinal tract 1		SE III
6	The heart and cardiovascular system 1		
7	Symptoms, diagnoses, treatments, communication qualifiers, and statistics 2	1	14
8	Growth and development, and body orientation 1		
9	Gynecology, pregnancy, and childbirth 1		

		Asan Hard	
10	The eye and the respiratory tract 1	مسر عمل ليدة والده المله	
11	The nervous system and behavioral disorders 1		
12	Continued- The nervous system and behavioral disorders 1		
13	Blood and immunity 1		
14	11/200		
15	/ASK-P		234
16			





College : Pharmacy *Department :* Pharmacology & Toxicology *Stage :* Second Year

Course Syllabus for physiology I

Name of the First Teacher of the Course:

Accademic Rank:

Degree:

E-mail

Name of the Second Teacher of the Course

Accademic Rank

Name of the Teacher of the Course: Sarmed H. Kathem

Accademic Rank: Doctor lecturer

Degree: MSc Pharmacology & Toxicology.

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	Dhysiology	T			
Course Title	Physiology				
Academic System	X	Semester	System	An	nual
Course Objectives	human being correlate the also emphas	l functions o g, and how to em with the r izes on the re	f differen o evaluate normal ar ole of hon	t tissues and e these functi	organs of the ons and conditions. It
Textbooks		Medical Ph	ysiology	; Ganong V	W.F (Ed.);
	latest ed.				
	\succ				
	\succ				
1	>	3		DE	111
111 ->				1.00	111
	Textbook o	of Medical	Physiolo	gy by Guyt	ton AC;
Reference Books	.latest editi	ion			
Reference Books	1000	ion			
Reference Books	 latest editi 	ion			
Reference Books	1000	ion			
Reference Books	>	ion			
Reference Books	A A	ion Laboratory work	Quizzes	Project	
Course Assessment	> > Theoretical Content	Laboratory	Quizzes 5%	Project	End Semester Examination 50%

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(%100)				
Additional Information	مساعمل ليدة بالده المه			

week	Theoretical Content	Laboratory Work	Notes
1	The general and cellular basis of medical physiology.		GI
1	The general and cellular basis of medical physiology 2.	Experiments on respiratory system (respiratory rate and	
	The general and cellular basis of medical physiology3	volumes).	DE II
	Physiology of nerves and muscles		
2	Nerve cells; excitation and	Introduction to blood	TYN /
L	:; Properties of mixed nerves; glia; neurotrophins	physiology	1.1
	Nerve fiber types and functions;		
	Synaptic transmission: Reflexes; cutaneous	Blood typing and blood	
3	; Muscles: Skeletal muscle; smooth muscle; cardiac muscle.	transfusion	
	Introduction to CNS physiology		
4	higher function of the nervous system;	Tutorial.	

	control of posture and movement;		
	alert behavior, sleep and electrical activity of the brain;	Packed cell volume.	
5	deep and visceral sensations; central regulation of visceral		;
	,; the autonomic nervous .system		
	Respiration: Respiratory zones;	Determination of	
6	Mechanics of respiration; air volumes; respiratory	hemoglobin concentration.	
	; compliance of the lungs and chest wall; surfactants;		
	differences in ventilation and blood flow in deferent parts of the lung;	Blood indices	23411
7	Dead space and uneven ventilation; Regulation of		115
	Pulmonary circulation: Pressure, volume and flow. Gas transport between the		2:12
	Respiratory centers; Regulation of respiratory activity: Chemical factors; non chemical factors;	Determination of bleeding time and clotting time.	PAR /
8	Respiratory adjustment in health and disease;		
	Effect of exercise; Hypoxia; Emphysema; Asthma	10-11-10-10-10-10-10-10-10-10-10-10-10-1	1:4
9	Renal Physiology: Introduction; innervations of the renal vessels renal blood flow;	Tutorial.	
У У	renal clearance glomerular filtration rate (GFR): Measurements; factor affecting GFR;		

	Filtration fraction; reabsorption of Na+, Cl – and glucose.	Halkin in the	
	Tubuloglomerular feedback and glomerulotubular balance;		
10	water excretion in: proximal tubules; loop of Henle; distal tubules; collecting ducts; the counter current mechanism;role of urea; water diuresis and osmotic diuresis; acidification of the urine: H+ secretion; reaction with	. Blood pressure.	
1	buffers; ammonia secretion; factors affecting acid secretion; bicarbonate execration; regulation of Na+, K+ and Cl – excretion; uremia; acidosis; micturition		
11	Cardiovascular system: origin and spread of cardiac excitation; the electrocardiogram; cardiac arrhythmias; electrographic findings in cardiac diseases; mechanical events of the cardiac cycle;	Effect of exercise on blood pressure.	Sale /
	Cardiac output; CV regulatory mechanisms: Local regulatory mechanisms; systemic regulation by the nervous	and with	777//
	systemic regulation by hormones	Electrocardiogram (ECG).	
12	Coronary circulation; Hypertension		
	Angina &Heart failure pectoris		
13		Tutorial and review.	
14			





College : Pharmacy *Department :* Pharmacology & Toxicology *Stage :* Second Year:

Course Syllabus for physiology II

Name of the First Teacher of the Course: Dr. Sadiq M. A. AL-Hiti

Accademic Rank: Ass. Proff.

Degree: PhD. Physiology

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Name of the Second Teacher of the Course: Dr.Murtadha M. Al-Sharifei

Accademic Rank: Doctor lecturer

Degree: PhD. Pharmacology & Toxicology

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Name of the Third Teacher of the Course: Dr.Ihab I. AL-Khalifa

Accademic Rank: Doctor lecturer

Degree: PhD. Pharmacology & Toxicology

E-mail: dr ihab75@yahoo.com

		A DE LA DE L			
Course Title	Physiology	مسر همان الجودة واللداء الجامع			
Academic System	X	Semester	System		nnual
Course Objectives	To enable stu physiological human being them with the emphasizes o .changes in th	functions of , and how to e normal and n the role of	different t evaluate th abnormal homeostat	issues and onese function conditions. I ic and hemo	organs of the ns and correlate It also dynamic
Textbooks	Review of I latest ed.	Medical Ph	iysiology	; Ganong	W.F (Ed.);
Reference Books	Textbook o .latest editi > >		Physiolo	gy by Guy	ton AC;

7200 1000					
Course Assessment for Annual System (%100)	First Term	Midterm Exam	Second Term	Laboratory Work	Final Examination
(////////					
Additional Information					

Weekly Schedule for physiology II 2nd semester

week	Theoretical Content	Laboratory Work	Notes
1	GIT functions , digestion & absorption of Carbohydrates & proteins	Differential W.B.C count	234
	GIT functions , digestion & absorption 2		
2	Digestion & absorption of lipids ,water & electrolytes Introduction to endocrinology	Total W.B.C. count	22
		100011	54
3	Energy balance & metabolism	Tutorial	1 - 1 - 1
-	Energy balance & metabolism 2	Land and the	
4	Gastrointestinal hormones Gastrointestinal hormones 2	Platelets counting	TYN
5	The pituitary gland GIT ,mouth and esophagus	Erythrocyte sedimentation rate (ESR)	1.4
6	The stomach The stomach 2	Tutorial	
7	Thyroid gland & thyroid hormone Regulation of thyroid hormone secretion	Blood grouping	
8	The small intestine & colon Exocrine functions of pancreas	Anemia & polycythemia	
9	Exocrine functions of pancreas 2	Tutorial	
10	Calcium metabolism The liver & biliary system		

	The liver & biliary system 2	Composition of the second	
	Bone physiology		
1	Bone physiology 2	فسر غمان اردين واللداء للجامع	
2	Endocrine functions of pancreas	<u> </u>	
<i>L</i>	Endocrine functions of pancreas 2		
	The adrenal medulla		
13	Regulation of pancreatic secretion		
	Adrenal cortex hormones	and the second se	
14	Regulation of adrenal hormones	and the second	
	Male reproductive system	2252525611	
15	Control of testicular hormones		(1)
16	Female reproductive systemFemale reproductive system 2		-> -> ->
17	Blood , bone marrow cellular elements		- N.
_	The W.B.Cs cells Immunity cellular elements		04310
18	Anemia	Contract of the	10 al
19	Anemia 2 Polycythemia		51-
•••	Blood groups & Rh factor		A Start Start
20	Platelets homeostasis		
21			I WULL A





College : Pharmacy *Department :* Pharmacology & Toxicology *Stage :* Second Year:

Course Syllabus for physiology II

Name of the First Teacher of the Course: Dr. Munaf Hashim

Accademic Rank:. Doctor lecturer

Degree: PhD. \ Pharmacology & Toxicology

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Name of the Second Teacher of the Course: Dr.Ahmad Hamid

Accademic Rank: Doctor lecturer

Degree: PhD. Pharmacology & Toxicology

E-mail: ahmad75@yahoo.com

Name of the Third Teacher of the Course: Ammar Ali

Accademic Rank:MSc lecturer

Degree:.MSc Pharmacology & Toxicology

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	A Starting of the start of the			
Physiology	مسر همان الجودة والاداء الجامع			
X	Semester	System	A	nnual
To enable students understanding the basic principles of physiological functions of different tissues and organs of the human being, and how to evaluate these functions and correlate them with the normal and abnormal conditions. It also emphasizes on the role of homeostatic and hemodynamic .changes in the integration of physiological status				
Review of I latest ed.	Medical Ph	ıysiology	; Ganong	W.F (Ed.);
100		Physiolo	gy by Guy	ton AC;
	X To enable stuphysiological human being, them with the emphasizes of .changes in the emphasites of .changes in the empha	To enable students unders physiological functions of human being, and how to them with the normal and emphasizes on the role of .changes in the integration Review of Medical Ph latest ed.	X Semester System To enable students understanding the physiological functions of different the human being, and how to evaluate the them with the normal and abnormal emphasizes on the role of homeostat.changes in the integration of physiology latest ed. Review of Medical Physiology latest ed. > Textbook of Medical Physiology latest edition	X Semester System To enable students understanding the basic prince physiological functions of different tissues and conditions of them with the normal and abnormal conditions. It emphasizes on the role of homeostatic and hemory.changes in the integration of physiological status Review of Medical Physiology; Ganong latest ed. > Textbook of Medical Physiology by Guy.latest edition

		And Theory			
Course Assessment for Annual System (%100)	First Term	Midterm Exam	Second Term	Laboratory Work	Final Examination
(////////					
Additional Information					

Weekly Schedule for physiology II 2nd semester

week	Theoretical Content	Laboratory Work	Notes
1	GIT functions , digestion & absorption of Carbohydrates & proteins	Differential W.B.C count	234
	GIT functions , digestion & absorption 2	1	
2	Digestion & absorption of lipids ,water & electrolytes	Total W.B.C. count	2.4
	Introduction to endocrinology		515
3	Energy balance & metabolism	Tutorial	1-1-1
	Energy balance & metabolism 2		
4	Gastrointestinal hormones Gastrointestinal hormones 2	Platelets counting	TYN
5	The pituitary gland GIT ,mouth and esophagus	Erythrocyte sedimentation rate (ESR)	1.4
6	The stomach	Tutorial	
	The stomach 2 Thyroid gland & thyroid hormone		
7	Regulation of thyroid hormone secretion	Blood grouping	
0	The small intestine & colon	Anomia & nalvovthomia	
8	Exocrine functions of pancreas	Anemia & polycythemia	
9	Exocrine functions of pancreas 2	Tutorial	
	Calcium metabolism		
10	The liver & biliary system		

		A284 deats	
	The liver & biliary system 2		
	Bone physiology		
11	Bone physiology 2	فسر خفان الدون والداع الجامع	
12	Endocrine functions of pancreas		
12	Endocrine functions of pancreas 2		
	The adrenal medulla		
13	Regulation of pancreatic secretion		
	Adrenal cortex hormones		
14	Regulation of adrenal hormones		
	Male reproductive system	0.00000000	
15	Control of testicular hormones		
16	Female reproductive system		
10	Female reproductive system 2		
17	Blood , bone marrow cellular elements		1 5
	The W.B.Cs cells	ALC: NOT THE	Mila III
18	Immunity cellular elements		
	Anemia		9.61
19	Anemia 2		
	Polycythemia	The second second	
20	Blood groups & Rh factor		
	Platelets homeostasis		
21			





College: Pharmacy Department: Pharmacology & Toxicology Stage: fifth year

Course Syllabus for Clinical Toxicology

Name of the First Teacher of the Course: Munaf hashim

Accademic Rank: Doctor Lecturer

Degree: Ph.D Pharmacology & Toxicology

E-mail: munafi@yahoo.com

Name of the Second Teacher of the Course: Dr. Ahmed hamid

Accademic Rank: : Doctor Lecturer

Degree: Ph.D Pharmacology & Toxicology

E-mail: ahmad75@yahoo.com

Academic System X Semester System Annual	l

Jose Level					
Course Objectives	The course aims to provide students with the principles and skill required to deal with the toxicity of chemicals and drugs in clinical settings; it enables students to correlate signs and symptoms of toxicity with the analytical data, and to know how to establish preventive and therapeutic measures for poisoning cases.				
Textbooks	Gossel TA, Bricker TD, (Eds.); Principles of Clinical				
	.Toxicology; latest edition				
111.1					
11/20	\triangleright				
1 1 1 2 2	>				
Reference Books	GOLD I	FRANK : C	Clinical t	oxicology	
Reference Dooks	4				
111111	W				18
111	A				18
Course Assessment for Semester System	Theoretical Content Exam	Laboratory work	Quizes	Project	End Semester Examination
(%100)	25%	20%	5%		50%
Course Assessment for Annual System (%100)	First Term	Midterm Exam	Second Term	Laboratory Work	Final Examination
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week	Theoretical Content	Laboratory Work	Notes
1	Initial Evaluation and management of poisoned patients 1		234
2	Continued- introduction: Pediatric poisoning 1		MARIN
3	Continued- introduction: geriatric patients 1		
4	Over the counter drugs: caffeine, theophylline 1		
5	Continued: antihistamine and decongestants. 1		Var III
6	Cardiovascular drugs: B - blockers, Ca ⁺⁺ -channels blockers, Digoxin 6 Anti-arrhythmic, ACE- inhibitors 6	Laboratory Principles or - Toxicological Screening	TYN
7	Hypoglycemia 1 Hypoglycemia 1	Over the counter drugs: Case on Acetaminophen poisoning	1.2
8	Vitamins 1	Case on Salicylates; poisoning	
		Urine analysis of toxins and chemicals.	
9	Corrosive Acids and bases 1 Antiseptics, disinfectants, camphor, mouth repellents 2	evaluation of urine salicylates	
10	Hydrocarbon 1 NSAIDs Analgesics 1	Cardiac glycosides toxicity: Digitalis.	
11	NSAIDs Analgesics 2	Cases on toxicity with foods and dietary supplements 1	

			7251 2805	
		Opioids 1		
Γ		Opioids 1		
	12	Drugs of abuse (hallocinoges , marjuana , amphetamine 1	Cases on toxicity with foods and dictary supplements 2	
		Sedative hypnotics 1	Identification of some	
	13	Sedative hypnotics 1	common poisons in biological samples Arsenic; cyanide;	
	14	TCA – Antidepressents 1	Phenothiazine derivatives;	
	14	TCA – Antidepressents 1	barbiturates poisoning	
	15	MOAI – antidepressents 1	Evaluation of cases of toxicity	
	13	Phenothiazine 1	with anti-parkinsonian drugs	
	16	Anticholinergic drugs 1	. Evaluation of drug toxicity on human.	
		Botanicals and plants-derived		
	17	toxins: Herbal preparation:		
	1/	Toxic plants; Poisonous .mushrooms 4		



College : Pharmacy *Department :* Pharmacology & Toxicology *Stage :* Second Year

Course Syllabus for physiology I

Name of the First Teacher of the Course: Dr. Munaf Hashim

Accademic Rank:doctor lecturer.

Degree: PhD. Pharmacology

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Name of the Second Teacher of the Course: Dr.Ahmad Hamid

Accademic Rank: Doctor lecturer

Degree: PhD. Pharmacology & Toxicology

E-mail: ahmad75@yahoo.com

Name of the Third Teacher of the Course: Ammar Ali

Accademic Rank:MSc lecturer

Degree: MSc Pharmacology & Toxicology.

E-mail: <u>ammar55@yahoo.com</u>

		A STATE OF STATE			
Course Title	Physiology	مسم خمان الجودة والاداء الجامعيا			
Academic System	X	Semester	System		nnual
Course Objectives	To enable students understanding the basic principles of physiological functions of different tissues and organs of the human being, and how to evaluate these functions and correlate them with the normal and abnormal conditions. It also emphasizes on the role of homeostatic and hemodynamic changes in the integration of physiological .status				
Textbooks	Review of D latest ed.	Medical Ph	ysiology	; Ganong	W.F (Ed.);
Reference Books	Textbook of .latest edition		Physiolo	ogy by Guy	ton AC;
Course Assessment for Semester System (%100)	Theoretical Content Exam 25%	Laboratory work 20%	Quizzes	Project	End Semester Examination 50%

		And Theory			
Course Assessment for Annual System (%100)	First Term	Midterm Exam	Second Term	Laboratory Work	Final Examination
(////////					
Additional Information					

week	Theoretical Content	Laboratory Work	Notes
1	The general and cellular basis of medical physiology. The general and cellular basis of medical physiology 2. The general and cellular basis of medical physiology3.	Experiments on respiratory system (respiratory rate and volumes).	
2	Physiology of nerves and muscles Nerve cells; excitation and :; Properties of mixed nerves; glia; neurotrophins	Introduction to blood physiology	
3	Nerve fiber types and functions; Synaptic transmission: Reflexes; cutaneous ; Muscles: Skeletal muscle; smooth muscle; cardiac muscle.	Blood typing and blood transfusion	
4	Introduction to CNS physiology	Tutorial.	

	1	7251 2505	1
	higher function of the nervous system;		
	control of posture and movement;	مسر غمان الجودة واللداء الجامعي	
5	alert behavior, sleep and electrical activity of the brain;	Packed cell volume.	
	deep and visceral sensations; central regulation of visceral		;
	,; the autonomic nervous .system		
	Respiration: Respiratory zones;	Determination of	
6	Mechanics of respiration; air volumes; respiratory	hemoglobin concentration.	116
	; compliance of the lungs and chest wall; surfactants;	14. S. S. S. S.	02711
1	differences in ventilation and blood flow in deferent parts of the lung;	Blood indices	
7	Dead space and uneven ventilation; Regulation of respiration: Noural control		8.1
	Pulmonary circulation: Pressure, volume and flow. Gas transport between the	大学で	DE
	Respiratory centers; Regulation of respiratory activity: Chemical factors; non chemical factors;	Determination of bleeding time and clotting time.	Y Y X
8	Respiratory adjustment in health and disease;	Sin with	
	Effect of exercise; Hypoxia; Emphysema; Asthma		
9	Renal Physiology: Introduction; innervations of the renal vessels renal blood flow;	Tutorial.	
	renal clearance glomerular filtration rate (GFR): Measurements; factor affecting GFR;		

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	Filtration fraction; reabsorption of Na+, Cl – and glucose. Tubuloglomerular feedback and glomerulotubular balance;	مسم صوان الجودة واللداء للجامعة	
	water excretion in: proximal	. Blood pressure.	
	tubules; loop of Henle; distal tubules; collecting ducts; the counter current mechanism;	. Dioou pressure.	
10	role of urea; water diuresis and osmotic diuresis; acidification of the urine: H+ secretion; reaction with buffers; ammonia secretion;		
1	factors affecting acid secretion; bicarbonate execration; regulation of Na+, K+ and Cl – excretion; uremia; acidosis; micturition		
	Cardiovascular system: origin and spread of cardiac excitation; the electrocardiogram; cardiac arrhythmias;	Effect of exercise on blood pressure.	821
11	electrographic findings in cardiac diseases; mechanical events of the cardiac cycle;		1-1-1
	Cardiac output; CV regulatory mechanisms: Local regulatory mechanisms; systemic regulation by the nervous	in with	TYN
	systemic regulation by hormones	Electrocardiogram (ECG).	
12	Coronary circulation; Hypertension		
	Angina &Heart failure pectoris		
13		Tutorial and review.	
14			





College : pharmacy Department : pharmacology & toxicology Stage : fourth Year

Course Syllabus for General Toxicology / 2nd semester

Name of the First Teacher of the Course: Dr. Munaf Hashim

Accademic:doctor lecturer

Degree: Ph.D Pharmacology & Toxicology

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Name of the Second Teacher of the Course: Dr. Ahmad Hamid

Accademic Rank: doctor lecturer

Degree: Ph.D Pharmacology & Toxicology

E-mail: ahmad75@yahoo.com



1					
Course Title	General Toxicology				
Academic System	X	Semester	System	An	inual
Course Objectives To study the principle of exposure to different chemicals and environmental factors, their sources, mechanisms of toxicity and their risk to human being; it enables students understand the required measures to protect living .organisms against the suspected toxic hazards				nanisms of les students to iving	
Textbooks	Casarett and Doull, Toxicology, the Basic Science of .Poisons; latest edition				
Reference Books	GOLD H > > >	FRANK : C	Clinical t	oxicology	
Course Assessment for Semester System	Theoretical Content Exam	Laboratory work	Quizzes	Project	End Semester Examination

		And Theat			
(%100)	25 %	20%	5%		50%
Course Assessment for Annual System (%100)	First Term	Midterm Exam	Second Term	Laboratory Work	Final Examination
Additional Information					

1 (introduction: general consideration; nost factor, 1 Continue- Introduction: environmental factors of toxic effects 1	General introduction to practical toxicology	F III
	Liver toxisity 1		
	Liver toxicity 1 Liver toxicity 1	General introduction to practical toxicology 2	111
3	Kidney toxicity1Kidney toxicity1	Acute toxicity study, determination of LD50.	
4 —	Respiratory toxicity 1 Respiratory toxicity 1	Nicotine toxicity	~
5 —	Toxicity of pesticides1Toxicity of pesticides1	Methanol toxicity	
6 —	CNS toxicity 1 CNS toxicity 1	Ethanol toxicity	
7	Cardiac toxicity 1 Cardiac toxicity 1	Carbon monoxide (CO) toxicity	
X —	Blood toxicity 1 Blood toxicity 1	Cyanide toxicity	
	Mutagenesis 1 Carcinogenesis 1	Organophosphorous toxicity	

		1284 G808	
	Carcinogenesis 2		
10	Continued- Carcinogenesis 1	مسر عمل الجدة والداء المل	
11	Toxicity of metals 2 Toxicity of metals 3	- Selected Seminars	
12	Toxicity of trace elements 1Toxicity of water & soil pollutants 1	Selected Seminars	
13	Toxicity of trace elements 1Toxicity of solvents 1	- Selected Seminars	2.74
14	Toxicity of solvents 1 Environmental & pollution toxicity 1	Selected Seminars	5 4
15	Environmental & pollution toxicity 1 Toxicity of plants 1	Selected Seminars	
16	Toxicity of plants 1	Selected Seminars	
17			



Republic of Iraq Ministry of Higher Education and scientific research University of Baghdad Quality Assurance and Academic Performance Department



College : Pharmacy Department : Pharmacology & Toxicology Stage : Third Year

Course Syllabus for pharmacology I

Name of the First Teacher of the Course: Dr. Ali Faris

Accademic Rank: Doctor Lecturer

Degree: Ph.D Pharmacology & Toxicology

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Name of the Second Teacher of the Course: Dr. Sajida Hussein

Accademic Rank: Doctor Prof.

Degree: Ph.D Pharmacology & Toxicology

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7-21 12005					
Course Title	Pharmacology				
Academic System	X	Semester	System	A	nnual
Course Objectives	To introduce the pharmacy students to the basis of general pharmacology. The student will learn about various body systems and drugs used to affect them in health and disease. Moreover the course will cover the drugs used to treat .microbial infections				
Textbooks	Lipincott H	Pharmacolo	ogy 3rd 1	Edition, 20	06
Reference Books				9.F	
Course Assessment for Semester System	Theoretical Content Exam	Laboratory work	Quizzes	Project	End Semester Examination
(%100)	25%		5%		70%
Course Assessment for Annual System (%100)	First Term	Midterm Exam	Second Term	Laboratory Work	Final Examination



Weekly Schedule for Pharmacology I

week	Theoretical Content	Laboratory Work	Notes
1	General introduction to Pharmacology.		2.57
1	General introduction to Pharmacology. 2	P 10	
2	Pharmacokinetics. 2 Pharmacokinetics. 2		
3	Drug Receptor interaction and Pharmacodynamics 2		SEL
3	Drug Receptor interaction and Pharmacodynamics 2		155
4	The autonomic nervous system (ANS). 1	L P. P. S. C. B.	
	The autonomic nervous system (ANS). 1		TYN
5	Cholinergic system 2 Continued chapters concerning drugs affecting Cholinergic system 4	Prove line	
	Adrenergic system. 2		
6	Continued chapters concerning drugs affecting Adrenergic system. 4		
	Principal of antimicrobial therapy 1		
7	Principal of antimicrobial therapy 1		
8	β- lactam and other cell wall synthesis inhibitor antibiotics 2		

		A 200 AROAS	
	Continued - β- lactam and other cell wall synthesis inhibitor antibiotics 2		
	Protein synthesis inhibitors 2	مسو غمان الجودة واللداء الجامعي	
9	Protein synthesis inhibitors 2		
	Quinolones, Folate antagonists, and urinary tract antiseptics 2		
10	Continued Quinolones, Folate		
10	antagonists, and urinary tract		
	antiseptics 1		
	Anti-mycobacterium drugs 1	COLUMN AND A	
11	Continued Anti-		
	mycobacterium drugs 1	0.044.04	
12	Antifungal drugs. 1		
_	Continued- Antifungal drugs.		121
13	Antiprotozoal drugs. 1		GIL
14	Anthelmintic drugs 1	A STATE IN	
14	Continued Anthelmintic drugs		
15	Antiviral drugs. 1		0 1
16	125		V. and I



Republic of Iraq Ministry of Higher Education and scientific research University of Baghdad Quality Assurance and Academic Performance Department



College : Pharmacy Department: : Pharmacology & Toxicology Stage: fourth Year

Course Syllabus for Pharmacology II/ 1st semester & pharmacology III / 2nd semester

Name of the First Teacher of the Course: Dr.Nada alshawi

Accademic Rank: Dr.Prof.

Degree: Ph.D Pharmacology & Toxicology

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Name of the Second Teacher of the Course: Dr. Ali faris

Accademic Rank: doctor lecturer.

Degree: Ph.D Pharmacology & Toxicology

E-mail: alifaris@yahoo.com

	A TOTAL CONTRACTOR				
Course Title	Pharmacology U				
Academic System	X	Semester	System	Ar	inual
Course Objectives	To introduce the pharmacy students to the general pharmacology of the central nervous system and to the various drug groups used in the treatment of CNS diseases or drugs altering its function. The student will be introduced to the various drugs used in the management of cardiovascular diseases. Moreover the course will cover the drugs affecting the gastrointestinal and respiratory systems.				
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Textbooks	Lpincott Pha	armacology			
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	\triangleright				
Reference Books					
	\rightarrow				
	>				
Course Assessment for Semester System	Theoretical Content Exam	Laboratory work	Quizzes	Project	End Semester Examination
(%100)	25%	20%	5%		50%
Course Assessment for Annual System (%100)	First Term	Midterm Exam	Second Term	Laboratory Work	Final Examination



Weekly Schedule for pharmacology II/ 1st semester

week	Theoretical Content	Laboratory Work	Notes
1	Introduction to CNS pharmacology. CNS stimulants	Routs of drug administration 1	
2	Anxiolytic and Hypnotic drugs. 1 Anxiolytic and Hypnotic 2	Routs of drug administration 2	63/2
3	Anxiolytic and Hypnotic drugs 3 General and Local Anesthetics	Onset and duration of drugs (Barbiturates)	5E
4	General and Local Anesthetics 2 General and Local	Absorption and excretion of drugs	STYN A
5	Anesthetics 3Antidepressant drugs.1Antidepressant drugs.2	Effect of parasympathomimetics on gland secretions	1.1
6	Antidepressant drugs.3 Antipsychotic	Drugs and human eye. 1	
7	Antipsychotic (neuroleptic) drugs 2	Drugs and human eye. 2	
8	Antipsychotic Antipsychotic (neuroleptic) drugs 2 Opioid analgesics and antagonists	The effects of drugs on IOP rabbits	

		72000	
9	Opioid analgesics and antagonists 2 Opioid analgesics and antagonists 3	Evaluation of opioid analgesics	
10	Treatment of neurodegenerative diseases	Evaluation of NSAIDs 1	
	Treatment of neurodegenerative diseases 2		
11	Antiepileptic Drugs	Evaluation of NSAIDs 2	
	Antiepileptic Drugs 2 Diuretics.		
12		Evaluation of anti-parkinsonian drugs	
	. Diuretics. 2	urugs	
13	The treatment of heart failure (HF).		
	The treatment of heart failure (HF).2	Evaluation of anti- convulsant drugs	1152
	Antiarrhythmic drugs.	Contract Contract	7.2
14	Antiarrhythmic drugs.2	The effects of drugs and their antagonists on isolated rats	41-11
	. Antianginal Drugs	ileum 1	12212
15	Antihypertensive drugs	The effects of drugs and their antagonists on isolated rats	
16	Antihypertensive drugs 2 Antihypertensive drugs 3	ilanna 2	19 01
	Antihyperlipidemic drugs.		EN LA COMPANY
18	Antihyperlipidemic		
	Gastrointestinal and antiemetic drugs		
19	Gastrointestinal and antiemetic drugs 2	inini arel	YTY A
20	Drugs acting on the respiratory system		1.5
20	Drugs acting on the respiratory system 2		
21	Drugs acting on the respiratory system 3		
22			





Republic of Iraq Ministry of Higher Education and scientific research University of Baghdad Quality Assurance and Academic Performance Department



College : Pharmacy Department : Pharmacology & Toxicology Stage : Fourth Year

Course Syllabus for Pharmacology III / 2nd semester

Name of the first Teacher of the Course: Ali faris

Accademic Rank:. Doctor lecturer

Degree: Ph.D Pharmacology & Toxicology

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Name of the Second Teacher of the Course: Dr. Murtadha M. Al-Shareifi

Accademic Rank: Doctor lecturer

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Name of the Third Teacher of the Course: Dr. Sarmed H. Kathem

Accademic Rank: Doctor lecturer

Degree: Ph.D Pharmacology & Toxicology

Email: sarmedkathem@yahoo.com

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Pharmacology				
X	Semester	System		ester System
To introduce the pharmacy students to various drug groups affecting endocrine systems and their use in correcting abnormalities in the endocrine functions. Moreover the course will cover the drugs used in the management of neoplastic diseases, bone disorders, obesity and erectile dysfunction. Inflammatory agents and the anti- .inflammatory drugs will also be covered during this course				
Lpincott Pha	armacology			
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Theoretical Content Exam	Laboratory work	Quizzes	Project	End Semester Examination
25%		5%		70%
First Term	Midterm Exam	Second Term	Laboratory Work	Final Examination
	X To introduce affecting end abnormalitie course will concepts abnormalitie course will concepts abnormalitie course will concept abnormalitie course will concept abnormatic abnormatic abnormalitie course will concept abnormatic abnormalitie course will concept abnormatic abnormalitie course will concept abnormatic abnormatic abnormatic abnormalities course will concept abnormatic abnormalities course will concept abnormatic abnormatic abnormalities course will concept abnormatic	X Semession To introduce the pharma affecting endocrine syste abnormalities in the endocourse will cover the dru neoplastic diseases, bone dysfunction. Inflammato.inflammatory drugs will Lpincott Pharmacology inflammatory drugs will Lpincott Pharmacology inflammatory drugs will Image: second system of the syste	X Semester System To introduce the pharmacy studer affecting endocrine systems and the abnormalities in the endocrine functourse will cover the drugs used in neoplastic diseases, bone disorders dysfunction. Inflammatory agents inflammatory drugs will also be complete the drugs will also be complete th	X Semantic System nd To introduce the pharmacy students to various affecting endocrine systems and their use in co abnormalities in the endocrine functions. Mor course will cover the drugs used in the manage neoplastic diseases, bone disorders, obesity and dysfunction. Inflammatory agents and the anti-inflammatory drugs will also be covered durin Lpincott Pharmacology > >



Weekly Schedule for pharmacology III / 2nd semester

week	Theoretical Content	Laboratory Work	Notes
	Drugs affecting the blood		
1	Drugs affecting the blood 2	Contraction of the R	(1 S S
2	Hormones of pituitary gland	Annan I Ti	0.01
2	Hormones of pituitary gland		
3	Drugs affecting thyroid function		
3	Insulin & oral hypoglycemic drug		
4	Insulin & oral hypoglycemic drugs 2		TYX
	Hypoglycemic drugs		
	Corticosteroids	K-CA	
5	Gonadal hormones and their inhibitors		
6	Gonadal hormones and their inhibitors 2		000
	Gonadal hormones		
7	Drugs used in obesity 1		
/	Drugs used in obesity 1		
8	NSAIDs		
0	NSAIDs 2		
9	Drugs used in osteoporosis		
7	Drugs used in osteoporosis 2		

		A Seal Treat	
10	Drugs used in erectile dysfunction 2	مسم خوان الجودة والداء الجامع	
11	Autacoids 1		
11	Continued- Autacoids 2		
12	Cancer 1		
12	Cancer 2		
13	Cancer 1		
13	Immunosuppressants 1		
14			

